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DISTRIBUTION OF LIVESTOCK



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THE DISTRIBUTION OF LIVESTOCK

By CHARLES D. BOHANNAN

In charge of Agricultural and Rural Distribution

INTRODUCTION

This report on the distribution of livestock is one of the series of reports on the distribution of agricultural commodities issued by the Bureau of the Census. These reports represent one phase of the work of the first Census of Distribution taken in 1930, and cover the operations of assemblers and distributors of agricultural commodities for the year 1929 or the crop year most closely corresponding thereto. The reports have been prepared under the supervision of Robert J. McFall, chief statistician for distribution, in the section of agricultural and rural distribution, by Charles D. Bohannon, in charge of the section, assisted by D. W. Sawtelle, associate economist.

The purpose of the series of reports on the distribution of agricultural commodities is to present a unified picture of the distribution of the major agricultural products, such as will be of the greatest value to persons, firms, and organizations concerned with any phase of the industry—producers, buyers, dealers, manufacturers, and consumers—and also to students of the economics of agriculture in its relation to the broader problems of our national economic life. To that end the reports include not only the tabular presentation of the data from the Census of Distribution and the above mentioned related economic data, but also incorporate such analytic and descriptive materials as is felt will aid in the interpretation of the problems arising in connection with the distribution of the various products. In addition to this report on the distribution of livestock the series includes similar reports on the distribution of grain, cotton, tobacco and its products, dairy products, fruits and vegetables, poultry and eggs, and meat and meat products.

The reports in this series present the distribution data as gathered on the schedules and, by certain supplementary inquiries, from various classes of buyers, assemblers, dealers, and other distributors of the various agricultural commodities at wholesale and also at retail in cases where the agricultural product concerned is sold at retail to consumers in practically its original form or after a preliminary processing form. Thus, while the report on the distribution of cotton will deal only with the various classes of buyers and dealers in lint cotton, the reports on fruits and vegetables, poultry and eggs, and on dairy products will include data on assembling, wholesaling, and retailing. The report on tobacco and its products will be a combined report covering both leaf tobacco and manufactured tobacco.

The Census of Distribution, conducted on the enumerator basis early in 1930, was taken on the establishment basis.¹ That is, the Census covered all types of assemblers and dealers where such persons and firms had established places of business. The Census of Distribution did not cover storage or warehouse concerns, the transportation business, or strictly service businesses.

The scope of the report on the distribution of livestock.—Livestock, as the term is used in this report, refers essentially to meat animals, and hence the data do not cover assemblers and dealers primarily engaged in the poultry business nor in the handling of horses and mules. Some persons and concerns who are

¹ See page 4 for exception in this study.

engaged principally in the assembling and distribution of meat animals also handle some poultry and/or horses and/or mules. The data on such establishments are included in this report, but are so presented as to segregate the different phases of their business in so far as the schedules make possible.

This report, in addition to the data from the Census of Distribution, presents related economic data bearing on the livestock industry which it is felt will be of value in the interpretation of the problems pertaining to the distribution of meat animals. The principal sources of these related economic data are the Census of Manufactures, and the Census of Agriculture, within the Bureau of the Census; the United States Department of Agriculture, the Federal Farm Board, the Interstate Commerce Commission, and stockyard companies. In each case the specific source of the data is indicated.

The Census of Distribution covered all types of assemblers of and dealers in livestock when such dealers had established places of business. The Census of Distribution did not cover stockyards or transportation companies. Further, since the Census of Distribution was conducted on the establishment basis, schedules probably were not secured for a considerable number of independent and company resident or traveling buyers, except in so far as their business may have been reported by the packers in reporting their direct receipts, for which a special schedule was used, as indicated below, or for some livestock dealers who either have no office other than their residence or merely rent office or desk space and have no readily recognizable "place of business" or "establishment." Apparently, schedule returns were not secured for a considerable number of cooperative livestock associations for the same reason.

On the assembling or buying end of the livestock industry returns were received for livestock buyers and dealers and for cooperative shipping associations where these had established places of business. The Census of Distribution did not include the sales of meat animals by farmers as these data were secured by the Farm Census. On the distributing or marketing end of the industry reports were secured from dealers; brokers; commission men; cooperative sales agencies; and also from packers on their direct receipts of livestock.

The schedules used in securing the data on assemblers of and dealers in livestock were the regular Census of Distribution schedules. The schedule used in all places of less than 10,000 population was a general or omnibus schedule used for all types and kinds of dealers, and did not provide for commodity breakdown, either by quantity or value. In cities of over 10,000 population two schedules were used with the wholesale trade. These, however, were not schedules especially designed for securing reports on dealers in livestock nor dealers in agricultural commodities exclusively, but were the same schedules that were used in securing reports on all types and kinds of wholesalers. The differentiation between the two schedules was based on whether or not the individuals or firms reporting handled food products or other kinds of products. A special schedule was developed for the use of meat packers in reporting direct receipts of livestock.

The direct receipts of livestock by kind of animals by class of buyers and/or shippers and concentration yards were reported to the Census of Distribution direct by the packers on this special schedule. The data are so presented as to show state of origin of shipment.

This report comprising tables, maps, and descriptive material presents data on and discussion of: Regions of livestock production; the relation between number of meat animals and population; the activity of the various classes of buyers and/or shippers engaged in the purchasing or forwarding of livestock to other markets; the location of the principal stockyards with data on the number of animals received at each of them during the year 1929; the direct receipts of livestock by packers; number of meat animals slaughtered by packers; slaughter of

meat animals by retailers and wholesalers; and the location of the principal and subordinate livestock markets, together with the detailed data on types and kinds of dealers on each of the principal markets.

Importance of the livestock (meat animals) industry.—The importance of the meat animal industry in our national economic life is clearly brought out by Table 1 and Maps No. 1 to 4 inclusive, which present data on the number of meat animals on farms in relation to population and other data.

With 151,637,958 head of meat animals,² on the farms and ranges of the United States; annual slaughter of 86,732,997 meat animals, in 1277 packing plants employing 145,854 persons, receiving total salaries and wages of \$220,-601,284, turning out meats and meat products valued at \$3,021,409,874, which in turn are sold at retail by some 159,000 meat and grocery and meat stores as well as numerous other kinds of stores, it is at once apparent that the meat animal industry is an exceedingly important one. About three-fourths of our population no longer live on farms and hence are dependent on the small remainder for their food stuffs, of which meat and its products form an extremely important item. Thus the problems surrounding the distribution of meat animals are seen to be of tremendous and intimate significance to all persons, whether directly connected with the industry in any of its production or manufacturing phases or merely as consumers of its products.

Something of the magnitude of the problems of distributing meat animals and the food products derived therefrom is brought out by Maps 1 to 4, showing the regions of livestock production, the location of the packing plants, and the concentration of population. The data on which the maps are based are contained in Table 1, which shows for each State the number of head of various kinds of meat animals and the number per 1,000 population; the number of meat animals slaughtered in each State by packers and by retailers and wholesalers.

Regions of production in relation to regions of consumption.—The location of the production regions for meat animals in relation to population, or potential consumer demand is shown quite clearly in Table 1 and Maps No. 1 to No. 4.

Of the total population of the United States approximately 70 per cent is east of the Mississippi River, in fact, almost 50 per cent is in that section of the country east of the Mississippi River and north of the Ohio line. While as shown in the following discussion the much larger share of meat animals of all kinds is found west of the Mississippi River.

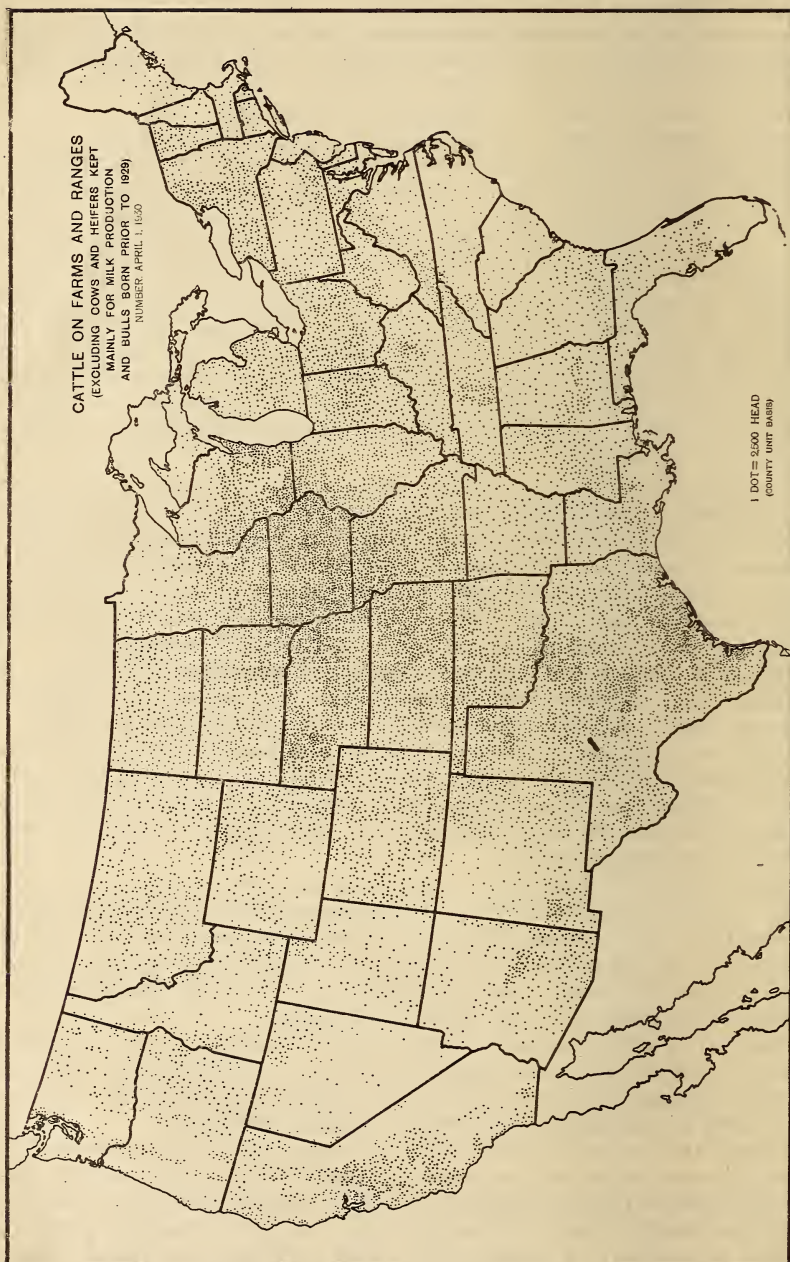
Cattle.—Map No. 1 and Table 1 show where the cattle of the country are by States. Note the concentration in the Western and Southwestern range regions and the Corn Belt, and that 73 per cent of the cattle are in States west of the Mississippi. The eastern corn and winter-wheat States—Illinois, Indiana, Ohio, Kentucky, and Tennessee—contain 10 per cent. The three leading States in number of beef cattle are: Texas, Iowa, and Nebraska.

Many of the cattle produced on the ranges are shipped into the Corn Belt States for finishing, either via stockyards, direct from rancher to feeder, or through the feeder shipment service of some of the cooperative associations. However, many cattle are also raised on the farms of the Corn Belt region.

Roughly then, as to the sources of cattle supply for the meat industry, the country can be divided into two sections: Range country and the Corn Belt, although there are certain supplementary supply areas of importance for fattened or finished stock—namely, around Lancaster, Pa.; the Flint Hill section of Kansas; the vicinity of Mineral Point, Wis.; Appalachian Pasture Region including part of the following States: Kentucky, Tennessee, West Virginia, Virginia, and North Carolina.

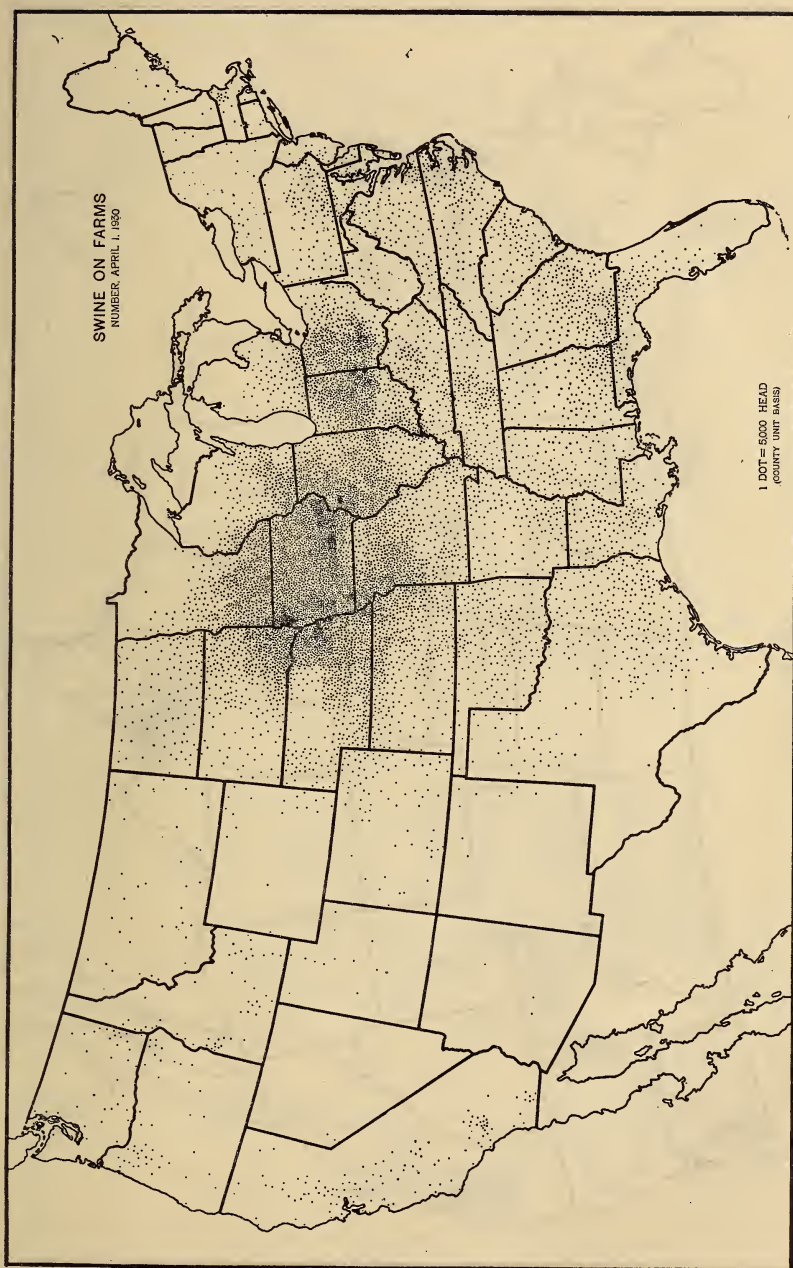
² Includes cattle (excluding cows and heifers kept mainly for milk production, and bulls born prior to 1929); hogs and pigs; sheep and lambs

MAP 1

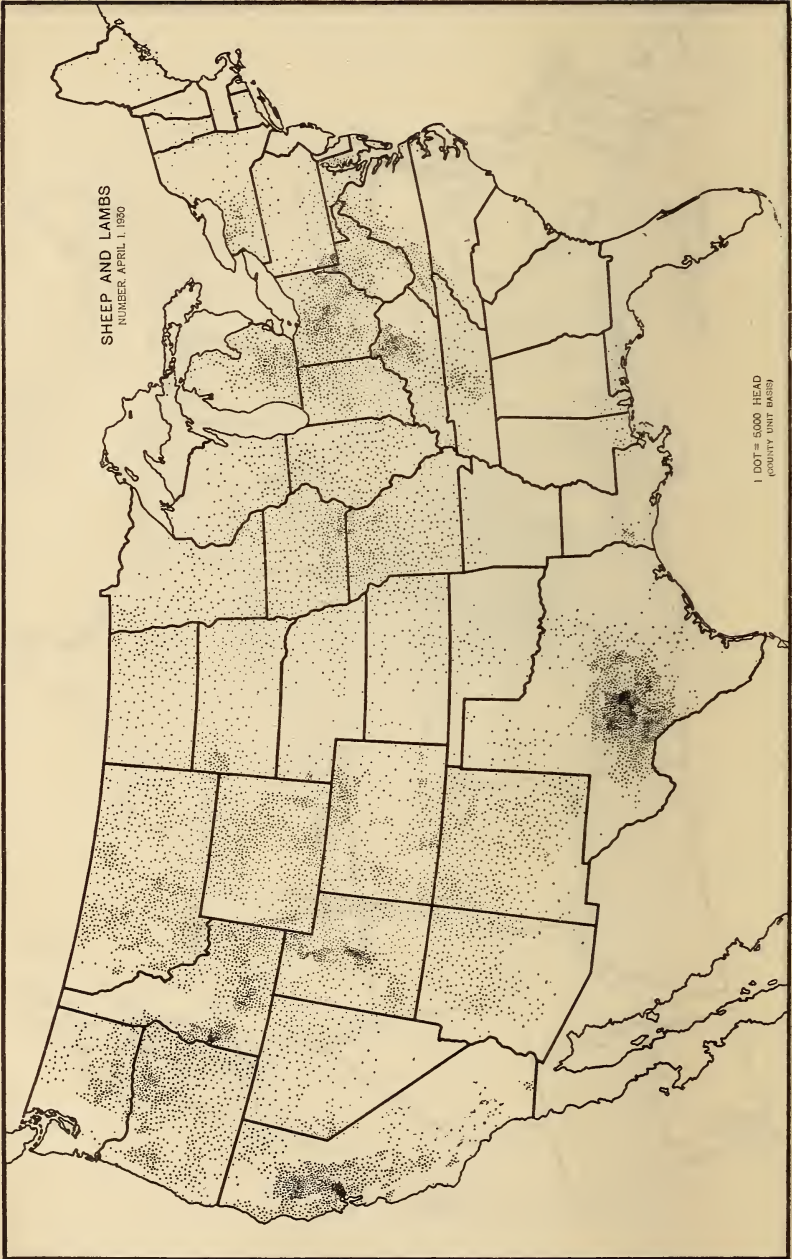


The States west of the Mississippi contain 73 per cent of the cattle but only 30 per cent of the population

MAP 2

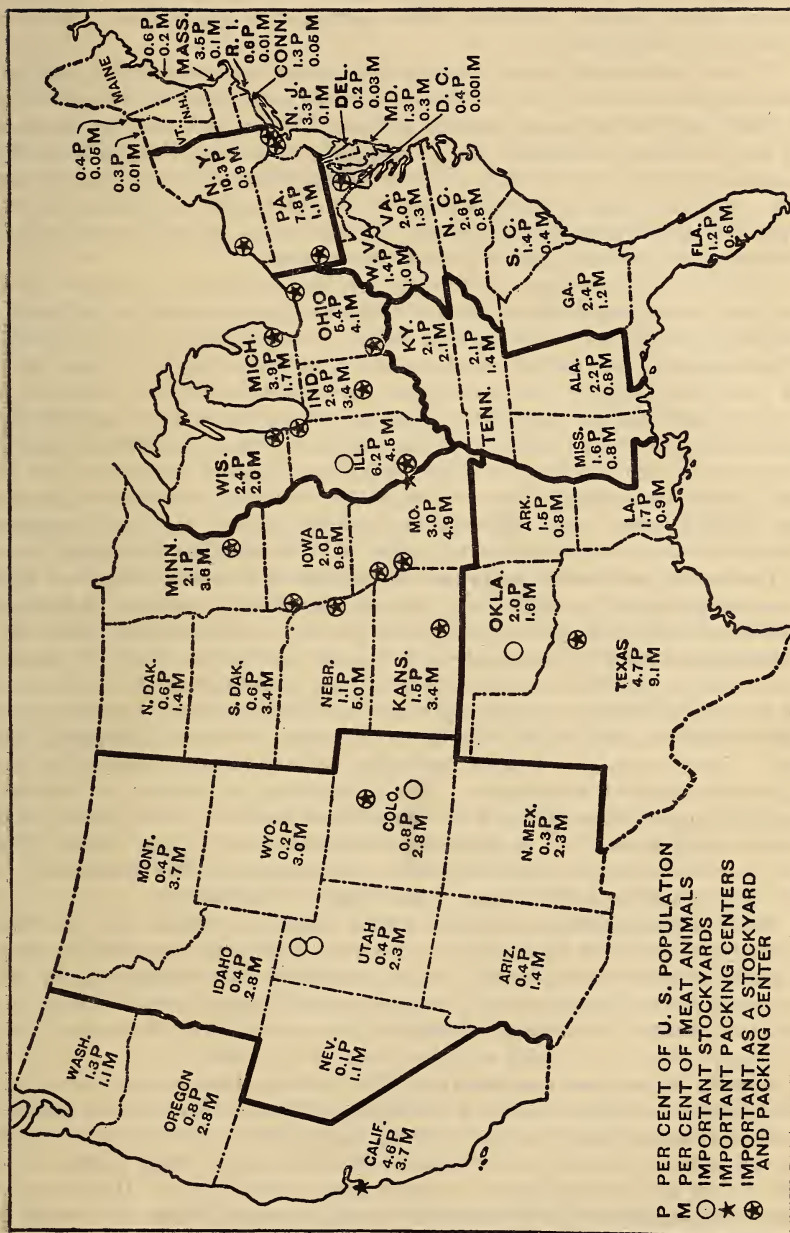


MAP 3



The States west of the Mississippi contain 78 per cent of the sheep and lambs

MAP 4



Population and meat animals—Location of principal stockyards and principal packing centers

Hogs.—The heaviest supplies of hogs come from the Corn Belt States as is shown by the data on hogs on farms in Table 1, and by dot map No. 2. The three leading States in hog production are as follows: Iowa, 10,055,591 or 18 per cent of the total number; Nebraska, with 4,679,161, or 8 per cent; Illinois, with 4,651,772, or 8 per cent.

Of the Southeastern States Georgia is the most important in hog production. This region as a whole showed a notable increase in the number of hogs from 1910 to 1920, but the last decade showed a decidedly downward trend in the number of hogs on farms throughout the Cotton Belt, as well as in the Eastern States which are north of the Ohio River. On the other hand, a substantial increase in the number of hogs on farms was shown by the leading hog States—Iowa (24 per cent) and Nebraska (54 per cent) as well as by Minnesota (40 per cent), Montana (96 per cent), and Wyoming (86 per cent).

Sheep and lambs.—Data on federally inspected slaughter show that about 91 per cent of the combined slaughter of sheep and lambs is made up of lambs and yearlings and only about 9 per cent sheep. However, data are not available to show separately the number of sheep and of lambs on farms. Hence, the data in Table 1 and map No. 3 include both. Reference to the table and map shows quite clearly that the bulk of the sheep and lambs are in Texas and the Rocky Mountain and Pacific States with other relatively heavy production regions in central and eastern Ohio, southern Michigan, central Kentucky, and along the Appalachian ridge. It should be pointed out here, however, that the farms in the Minnesota, Iowa, Missouri, and Illinois region also have considerable quantities of sheep and play an important part in supplying the market demand.

Production point activities in the distribution of livestock.—Farmers' sales of meat animals may be made to or through any one of a number of agencies or channels, depending on local conditions and the volume of their sales. In the southwestern range cattle country where large numbers are moved to market at one time, the rancher may ship one or several carloads of cattle or calves direct to a stockyard market. In the Corn Belt and Eastern States the larger breeders and feeders may ship on the same basis or through a cooperative shipping association. Many head of beef cattle and calves are sold to local or traveling buyers, either independent or company. The independent buyer may in turn sell to another buyer, either nearby or at a more remote market. In the general farming States some farmers buy considerable quantities of cattle from others, either in the immediate vicinity or at times at some distance, marketing immediately those in better condition and finishing off the others in the feed lot.

Thus in the movement from producing regions, livestock may be shipped directly by producers to stockyards for sale to or through some dealer; direct to a packer; through a cooperative shipping association to a stockyard, for sale by a dealer, or to a packer, or to a cooperative sales agency, or to feeders; or sold to a local resident or traveling independent or company buyer; or to a local packer, or to a retailer or wholesaler who slaughters for his trade.

Country buyers and assemblers.—The Census of Distribution did not secure such data as to enable us to show the number of head of meat animals handled by various classes of buyers and/or shippers, nor to show the different hands through which various shipments or volumes of livestock move. Such detailed data as these were not secured, since, as stated above, the Census of Distribution was taken essentially on the establishment basis and many buyers of livestock have no established place of business, the same being true of some cooperative shipping associations. It is probable, however, that the percentage of coverage is practically uniform throughout the country so that the data herewith presented do serve to give not only the first picture of this situation on the national basis but also provide adequate basic data for further detailed research within any market

area by organizations or individuals interested in studying their immediate problems.

As will be noted from Table 2, which presents the data on all types of dealers in livestock by States, and by counties, wherever possible, 4,144 country buyers and assemblers of livestock in 1929 had sales totaling \$311,559,513, and in addition 1,101 cooperative shipping associations had sales of \$154,494,903.

As indicated in Table 3, schedule returns were also received for a considerable group of dealers who handled other commodities in addition to livestock, but the reports on their businesses do not enable us to present the livestock figures separately. These dealers include 940 assemblers and country buyers with total sales of \$71,402,397 and 164 cooperatives with total sales of \$30,859,183.

Examination of Table 2, shows that even in those States containing a relatively large number of livestock there is considerable variation as to the number of country buyers and assemblers and cooperative shipping associations. It will be noted that in the range States such local buyers and assemblers enter into the distribution of livestock to a relatively small degree as compared with the Corn Belt and mixed farming States. This is due to the fact that livestock move from the ranges in car-lot and train-load shipments direct from producers.

Other types of livestock dealers.—Table 2 also presents data showing number and total sales of livestock dealers other than assemblers and country buyers and cooperative shipping associations. These "other types of dealers" include so-called dealers, commission merchants, order buyers, and cooperative sales agencies. This table shows that in 1929 1,320 such dealers had total sales of livestock valued at \$2,594,841,860. In addition Table 3, which covers the sales of dealers in livestock and other commodities, shows that there were 465 "other types of dealers" doing a volume of business in livestock and other commodities valued at \$106,399,331. While Table 2 presents these data in summary fashion further details are shown in Table 4 for the principal livestock markets including the number of different types of dealers, and sales by types of dealers, together with salaries and wages wherever possible. However, there is not a sufficient number of each type of dealer on each market to enable us in all cases to show sales by each type of dealer without revealing individual businesses.

In considering the total sales of livestock by these various classes of dealers it should be kept in mind that, as stated above, the figures do not necessarily represent the net sales of livestock, due to the fact that the same lot of livestock may be sold several times before reaching the slaughter house or the feeder.

Packers' direct receipts of livestock.—The data on direct receipts of livestock by packers throw additional light on production point marketing of livestock. The data on direct receipts, which were received on special schedules direct from packing plants, are presented in Tables 5 to 10. These tables show for each of the several classes of meat animals the number of each received by packers from various States, from company buyers, independent buyers, individual farmers, and cooperative associations.

While information is not available to show the number of each class of buyers and/or shippers sending in these livestock direct to the packing plants, the tables serve to indicate that such buyers and shippers play an important part in the production point marketing of livestock. Especially is this true in the case of swine.

The importance of the direct receipts method as a source of supply of livestock for slaughter.—Until within comparatively recent years packers located at central markets obtained practically all of their supply of livestock through stockyards, generally located at or near their packing plants. Due to economic developments, among which were the expansion of the activities of the so-called "interior" packers and the development of the good roads systems and increased motor

transportation facilities, the other packers began to develop to a much greater extent the production point purchases of livestock, noticeably swine. The data in the table below indicate that for the 268 plants reporting direct receipts such receipts represent 15 per cent of the total slaughter in the case of cattle, 24 per cent of the calves slaughtered, 57 per cent of the swine, 19 per cent of the sheep and lambs, and 98 per cent of the other animals.

DIRECT RECEIPTS OF LIVESTOCK IN RELATION TO TOTAL SLAUGHTER OF THE 268 PLANTS REPORTING

[Summary for the United States]

	NUMBER OF ANIMALS SLAUGHTERED		DIRECT RECEIPTS OF LIVESTOCK		
	By all packers	By 268 plants reporting direct receipts	Number of head	Per cent of slaughter by all packers	Per cent of slaughter by 268 plants
UNITED STATES					
Total.....	86,840,340	60,610,773	26,470,283	30	44
Cattle.....	10,133,243	6,310,536	963,308	10	15
Calves.....	5,568,975	3,397,198	821,310	15	24
Swine.....	55,011,511	39,166,343	22,400,860	41	57
Sheep.....	16,019,268	11,681,499	2,230,948	14	19
Lambs.....					
Other animals.....	107,343	55,147	53,857	50	98

Slaughter by retailers and wholesalers.—The part played by retailers and wholesalers in the local marketing of meat animals is indicated in Table 1. This table presents data by kind of animals reported as slaughtered by retailers and wholesalers in the different States during the year 1929. It shows total slaughter by such concerns of 1,002,269 calves, 1,114,781 other cattle, 1,894,068 hogs, 349,232 sheep and lambs, and 25,949 goats and kids. Since such retailers and wholesalers obtain practically their total supply of meat animals in the immediate vicinity of their place of business, in some States they play an important part in furnishing a local market outlet for meat animals.

It should be pointed out that "retailers" as here used refers to retail stores and that the data include reports obtained from retailers in cities and towns of all sizes. On the other hand, the term "wholesalers" as here used includes produce buyers, meat wholesalers, livestock buyers, and some slaughter houses. Reports were received for such wholesalers only in towns of under 10,000 population. It should be specifically noted that these "wholesalers" do not include the wholesale slaughterers and packers since these were covered by the Census of Manufactures. Hence, the data here given do not involve any duplication of data on slaughtering as published by the Census of Manufactures.

Stockyards in the distribution of livestock.—As stated above, stockyards were not covered by the Census of Distribution as such. However, they are so important that it is essential to present certain data thereon in any report on the distribution of livestock. Accordingly, reports on receipts of livestock by kind were secured from some of the more important stockyards. These data, together with data published by the Department of Agriculture ("Crops and Markets, 1929") are combined in Table 11, showing the number of each kind of meat animals received at stockyards in 65 cities in 1929. The 25 most important stockyards are shown separately. The combined total receipts at these 25 stockyards by kind of animals were: 5,150,314 calves, 12,418,385 other cattle, 37,215,102 hogs, and 24,425,114 sheep and lambs.

It should be noted that some of these stockyards are located at important packing centers. On the other hand, some of the stockyards are located at points which do little packing and hence such stockyards are essentially concentration or reshipment points. This is brought out clearly by the table in the columns which show the per cent of the receipts of each class of animals which were reported as shipped. For example, Chicago and Omaha shipped but 31 and 41 per cent, respectively, of their total receipts of cattle. In the case of such stockyards as Denver and Wichita the shipments of cattle were 76 and 73 per cent, respectively, of total receipts, while Pittsburgh shipped 80 per cent of its total receipts. Chicago and South St. Paul shipped 4 and 3 per cent, respectively, of their total receipts of calves, while East St. Louis and Sioux City shipped approximately two-thirds of their total receipts of calves, and Pittsburgh, 77 per cent.

A similar situation naturally exists in the case of sheep and lambs, on account of the heavy receipts at stockyards located close to the producing regions, such as Pittsburgh, Denver, Ogden, Salt Lake City, and Pueblo, which ship on to other points 90 per cent of their receipts.

In other words, the data on total receipts by all stockyards do not show a net movement of livestock, as receipts at some stockyards include animals also reported as received at other stockyards during the same year.

Map No. 4 shows the location of the 25 most important stockyard points, based on the total receipts of meat animals.

Seasonality of movement of meat animals through stockyards.—Table 12 shows for each of the 25 leading stockyards the total receipts of livestock by kinds for the year 1929 by months. Further, there is shown the per cent which the receipts each month formed of the receipts for the year. These data are also graphically presented in chart No. 1.

The movement of cattle through these stockyards is fairly uniform for 6 months out of the year as indicated by the fact that for 6 of the 12 months the receipts vary only slightly from the yearly average. On the other hand, it should be noted that there was a decided peak in September and October, with the low point in February.

Receipts of calves at these same markets apparently were on a still more uniform basis since in nine months out of the twelve the receipts quite closely approximated the average. However, here again there was a peak movement in April and another in October, the lowest receipts being for the month of February.

In the receipts of hogs the high point was in January with the low point in June, although it should be noted that in the case of hogs there were only seven months in which the receipts varied to any considerable degree from the average.

The movement of sheep and lambs to these markets shows a greater fluctuation from the average. The high point came in September and October and the lowest receipts in March and again in June.

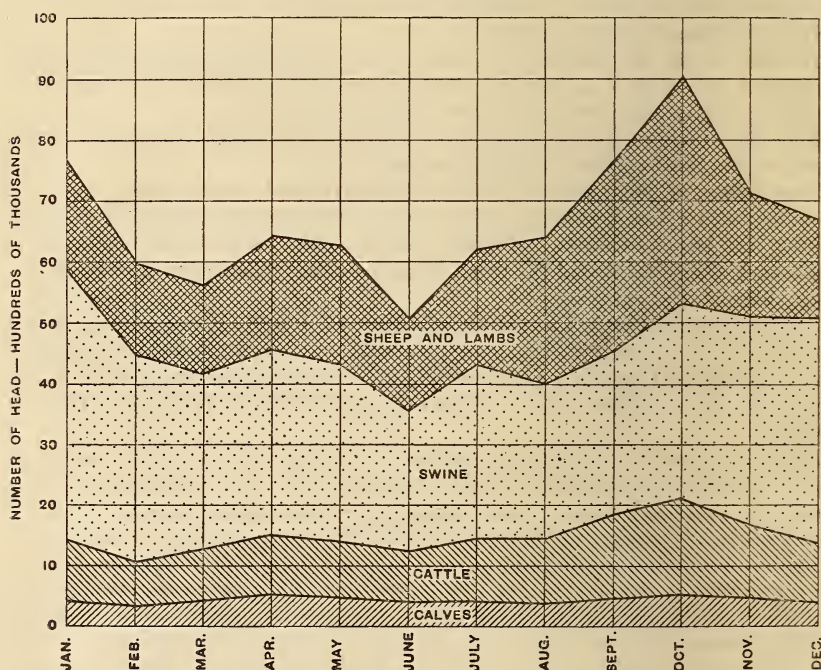
Seasonality of movement from producing regions.—While as shown above, the receipts of beef cattle at these 25 stockyard markets are fairly uniform throughout the year with the exception of about four months, the two charts, Nos. 3 and 4, show that the receipts of beef cattle from the Corn-Belt States are much more uniform than they are from the range States. From the range States the heavy movement comes in the fall, following the fall round-up and continues through September and October, dwindling off in November quite rapidly with the coming of winter storms. The movement of sheep and lambs from the various producing regions is shown in chart No. 2.

Relative importance of different kinds of meat animals in total receipts.—Table 11 also shows the rank of each stockyard point in total receipts of meat animals and in receipts of each kind of animal. Inspection of these rank figures

shows a considerable variation in the importance of some cities in receipts of different classes of animals. In fact, only Chicago, which ranks first on all counts, has the same rank throughout. Notable cases of variations are South St. Paul, ranking fifth in total receipts, but eighth in receipts of sheep; Sioux City, ranking sixth in total receipts, and receipts of cattle and hogs, but eleventh in receipts of sheep and twenty-fifth in receipts of calves; Jersey City, ranking twelfth in total receipts, but fourth in receipts of calves and sixth in sheep and lambs; Milwaukee, nineteenth in total receipts and third in receipts of calves; Baltimore, ranking sixteenth in total receipts, but tenth in receipts of hogs.

Transportation of meat animals.—Data are not at hand to show in detail the number of head of meat animals traveling various distances to reach the point

CHART 1.—MONTHLY RECEIPTS BY KIND OF ANIMALS AT 25 LEADING STOCKYARDS, 1929



Note the uniformity of receipts of calves and also cattle as compared with swine and sheep and lambs

of sale, whether at stockyard points or elsewhere. However, the following data on the per cent of different kinds of meat animals received at different stockyards from various States may serve to throw some light on this point.

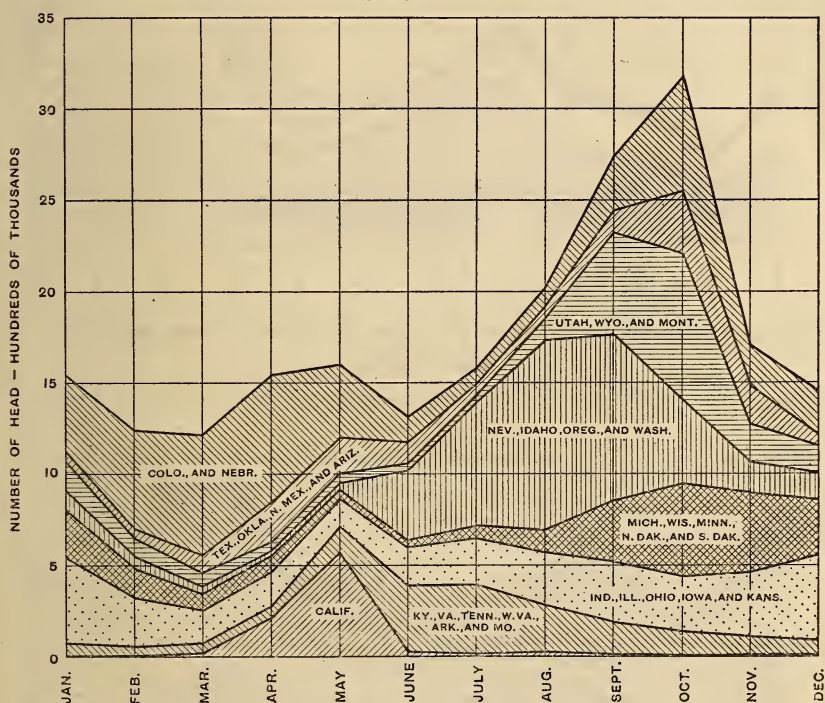
Chicago³ in 1929 received cattle from 35 States, but over 60 per cent came from Illinois and Iowa; 25 per cent from Illinois and 38 per cent from Iowa. Receipts from no one of the other States were as much as 8 per cent of the total. Of the calves received in Chicago from 25 States, 30 per cent were from Illinois, 24 per cent from Iowa, 31 per cent from Wisconsin, and not exceeding 4 per cent from any of the other States. In the case of hogs, receipts came from 22 States, but 48 per cent were from Iowa, 30 per cent from Illinois, 10 per cent from South

³ Data on receipts at Chicago from Duddy, E. A., and Revzan, D. A., *The Supply Area of the Chicago Livestock Market*. University of Chicago Press, 1931.

Dakota, and the receipts from no other State exceeded 6 per cent. On the other hand, a larger percentage of sheep and lambs came from States at a greater distance, while over half of the total receipts came from the following States: Iowa, 15 per cent; Illinois, 12 per cent; Colorado, 15 per cent; Montana, 9 per cent; and California, 8 per cent.

Omaha⁴ in 1929 received cattle from 21 States, but of the total receipts 63 per cent came from Nebraska, 15 per cent from Iowa and not over 9 per cent from any other State. Hogs came to Omaha from 13 States with 77 per cent from Nebraska, 19 per cent from Iowa, and not over 3 per cent from any other State. Sheep and lambs were received from 18 States, 37 per cent from Nebraska,

CHART 2.—MONTHLY MARKET RECEIPTS OF SHEEP AND LAMBS FROM STATES SPECIFIED



20 per cent from Idaho, 13 per cent from Wyoming, and 10 per cent from Colorado.

As indicated on maps No. 1 to No. 4 and in table No. 1, the regions of heaviest meat animal production are far removed from the most heavily populated areas. Prior to the development of the refrigerator cars the live animals were transferred to packing plants on or within easy reach of the Atlantic seaboard. The coming of the refrigerator cars made possible the development of packing plants nearer the source of supply and a consequent saving in transportation costs. The saving here, of course, being in the transportation of finished products having higher value per pound than the raw materials. Hence, while some shipments of meat animals still reach eastern markets from the West, the great bulk of the meat animals move into the large central packing point stockyards, some from comparatively nearby areas.

⁴ Data on receipts at Omaha from annual stockyard report.

CHART 3.—MONTHLY MARKET RECEIPTS OF CATTLE FROM THE RANGE STATES

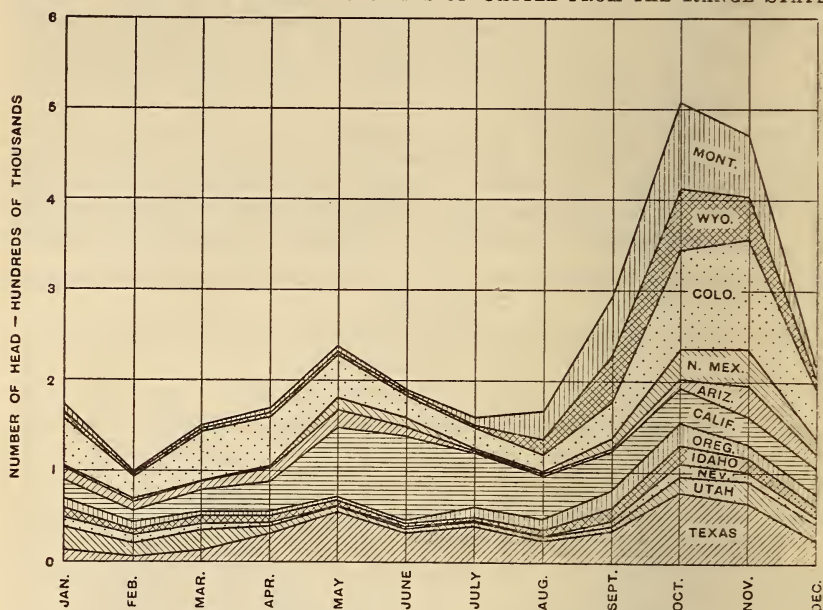
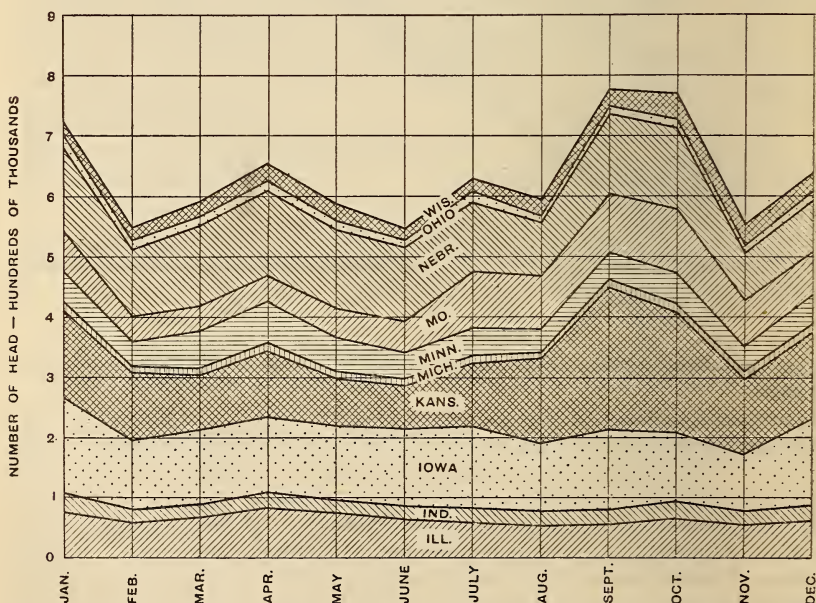


CHART 4.—MONTHLY MARKET RECEIPTS OF CATTLE FROM THE CORN-BELT STATES



Note the greater uniformity of receipts from the Corn-Belt States which include animals raised there and stock finished there but raised in the range States. The receipts from range States are largely concentrated in the fall months, then dropping off rapidly with the onset of winter months

As stated in the introduction, transportation agencies were not included in the Census of Distribution. Neither are detailed data available from other sources to present anything like a complete picture of the importance of the meat-animal industry in relation to transportation. That the industry does furnish a very important amount of revenue freight traffic is indicated by the fact that during 1929 the total car loadings of livestock were 1,419,000 cars, while shipments of meat and other packing-house products furnished in 1929 revenue freight to the amount of 5,281,000 tons.⁵

Transportation of meat animals by truck.—While railroads are still the chief means of transportation of livestock, the recent developments of roads and automotive equipment have given a considerable emphasis to motor-truck transportation of meat animals. Data are not available to show receipts of meat animals by truck at all stockyards. However, so much importance attaches to this development that the following data on the truck movement of livestock are of especial interest at this time. Table 13 shows the number of animals of all kinds reported received by truck at 13 stockyards,⁶ including the five largest. It also shows the per cent which the receipts by truck form of the total receipts of each kind of animals.

While truck receipts accounted for only 18 per cent of the total receipts of these stockyards, there is a considerable variation in the percentage of truck receipts by kind of animal and also between the different stockyards. Thus 13 per cent of the total receipts of cattle came in by truck, 24 per cent of the calves, 23 per cent of swine, and 10 per cent of the sheep and lambs.

Note especially the small percentage of Chicago's receipts received by truck. This should be contrasted with the much higher percentage of receipts by truck at some of the stockyards located closer to producing regions. Thus Omaha and Sioux City receive respectively 45 per cent and 38 per cent of their total receipts of calves by truck and 43 per cent and 64 per cent of their total receipts of swine.

The increasing use of trucks for the distribution of meat animals is emphasized by the following comparative data for the four stockyard points as indicated. The data presented are for the years 1925 and 1929. In each case it will be seen that there has been a very considerable increase in the number of each kind of animal received by truck.

TRUCK RECEIPTS AT FOUR STOCKYARDS, 1925 AND 1929

	Chicago	South Omaha	Portland	Milwaukee
Cattle:				
1929.....	100,460	281,179	15,317	43,354
1925.....	35,457	65,064	8,540	21,628
Calves:				
1929.....	35,545	46,263	3,317	93,471
1925.....	6,402	23,377	1,093	35,390
Hogs:				
1929.....	379,481	1,372,341	64,211	91,236
1925.....	68,070	433,362	36,367	26,179
Sheep and lambs:				
1929.....	88,498	403,399	45,517	13,076
1925.....	16,485	138,425	20,523	3,799

Additional data on movement of live stock by means of trucks were obtained from the packers who reported on direct receipts of livestock. The 172 packers

⁵ Data from the Statistical Abstract, 1931.

⁶ Data from the reports of the stockyard companies.

who reported the receipt of livestock at their plants by truck indicated that they received a total of 4,152,253 head in this manner. In this number were included 333,662 calves; 221,400 other cattle; 3,340,765 swine; 97,955 sheep; 137,649 lambs; and 20,822 other animals. Since these animals were received by direct receipt and not through stockyards, these truck receipts do not include any duplication of stock received by truck at stockyards.

According to a bulletin issued by the University of Illinois,⁷ the total number of livestock trucked to 8 markets in 1929 amounted to 10,774,446 head as compared to 2,058,696 head in 1920.

Number of dealers and total sales by types of dealers on the principal livestock markets.—The cities in which the principal livestock markets are located are indicated in Table 4. This table includes all cities in which the sales as reported totaled at least \$1,000,000 and where there were at least three dealers reported. The table presents first for each city the total number of dealers from whom reports were secured, their total sales, number of employees, salaries and wages, and total expenses. In addition, the number of dealers and total sales are given by type of dealer in so far as this is practicable without revelation of individual businesses. In this table the following classifications are used: Assembler, broker, commission merchant, dealers and traders, and the general classification of all other types. Since on most markets there were not enough cooperative sales agencies so that their business could be shown separately, they have been included with commission merchants as their methods of operation are quite similar.

It will be noted that the classification "assembler" has been used only in the case of the smaller cities; and dealers so classified in each instance reported over 50 per cent of their dollar volume of livestock business as being purchased direct from producers. Order buyers were classified as "brokers." The differentiation as between a cooperative marketing association and a cooperative sales agency is that the former is a local producers' organization while the latter is a central sales agency operating for the benefit of a number of local cooperative livestock marketing and shipping associations. Altogether there are 33 such cooperative sales agencies on these markets with sales of \$334,420,915.

Some commission merchants do a part of their business on the basis of outright purchase and sale, while still others operate partly as order buyers. A firm calling itself a commission merchant whose schedule indicated that it did over 50 per cent of its business on a commission basis was classified as a "commission merchant."

The classification "dealers and traders" includes firms reporting themselves under one or the other of these classifications and also some firms who checked themselves as "wholesalers" or "jobbers," doing this probably because the wholesale form on which they reported was not especially adapted to the livestock business but was a general wholesale schedule.

It will be noted in a number of cases that the number of establishments is given but the sales are not. In each case, however, the sales are included in the total for the city. In considering this table it should distinctly be kept in mind that, as stated in the introduction, the Census of Distribution was taken essentially on the establishment basis, and it is not to be assumed that schedules were received from all dealers and traders on all markets. However, for the purpose of making the most complete presentation possible, this table does include the data on such schedules as were received for such concerns. Further it should again be pointed out that the total sales in any city do not necessarily indicate *net* sales of livestock at that point since there is on some markets a considerable amount of interdealer sales of livestock.

⁷ Ashby, R. C., *Livestock Truckage Rates in Illinois*, Bulletin No. 342, February, 1930.

The leading livestock markets as indicated by the data on this table are as follows: Chicago, Kansas City, Omaha, National City, Sioux City, South St. Paul, South St. Joseph, Indianapolis.

Location of the packing industry.—Map No. 4, above referred to, shows the location of the most important packing centers. Table 14 shows the total reported slaughter⁸ and the rank in slaughter by kind of animals for each of the cities where the data can be shown without revealing individual businesses. Chicago leads both in total slaughter and in the slaughter of each kind of meat animals excepting calves, in which it is third. The other cities show considerable variation in rank as between different classes of meat animals slaughtered. Interesting illustrations of this are: Kansas City ranks second in total slaughter, and slaughter of cattle and swine, but only sixth in slaughter of calves; South St. Paul ranks fifth in total slaughter, but second in slaughter of calves and seventh in slaughter of sheep and lambs; Fort Worth ranks thirteenth in total slaughter but fifth in slaughter of calves.

Seasonality of slaughter.—Table 15, based on data on federally inspected slaughter, shows the total slaughter by kind of animals for each month during the year 1929; the average monthly slaughter; and the per cent slaughtered each month. The relatively heaviest slaughter of hogs is during the months of January, February, November, and December; and in the case of cattle, September, October and January. Slaughter of calves is relatively highest in the spring months of March, April, and May, with another smaller peak in October. The peak in the slaughter of sheep and lambs comes in the fall months, beginning with August. This latter represents the movement into consumption of spring lambs. As stated above, statistics show that lambs represent 91 per cent of the combined total slaughter of sheep and lambs.

Distribution of meats and meat products.—The foregoing discussion has covered the Census of Distribution data and other related data on the assembling and distribution of meat animals. The wholesale and retail distribution of meats and meat products will be covered in a special report to be issued later.

⁸ Data on federally inspected slaughter from Bureau of Animal Industry, United States Department of Agriculture.

TABLE 1.—NUMBER OF MEAT ANIMALS ON FARMS BY KINDS, 1930, AND TOTAL SLAUGHTER BY KINDS, 1929

DIVISION AND STATE	CATTLE AND CALVES ¹		NUMBER OF CATTLE SLAUGHTERED IN 1929				
	Number on farms, 1930 ²	Number per 1,000 population, 1930 ³	Total slaughtered ⁴	By farmers ⁵	By retailers	By wholesalers	By packers on own account ⁶
UNITED STATES, total.....	38, 374, 954	313	11, 005, 355	342, 938	880, 253	234, 528	9, 547, 636
NEW ENGLAND:							
Maine.....	98, 051	123	15, 585	2, 363	6, 798	3, 545	2, 879
New Hampshire.....	47, 284	102	7 1, 600	809	726	65	(⁹)
Vermont.....	152, 612	424	7 10, 389	5, 134	4, 540	715	(⁹)
Massachusetts.....	64, 089	15	63, 033	1, 001	1, 602	652	59, 778
Rhode Island.....	9, 102	13	7 249	69	180	-----	(⁹)
Connecticut.....	51, 449	32	7 4, 014	522	1, 602	1, 890	(⁹)
MIDDLE ATLANTIC:							
New York.....	768, 419	61	565, 306	14, 890	12, 938	15, 582	521, 896
New Jersey.....	49, 423	12	100, 898	420	1, 084	1, 134	98, 260
Pennsylvania.....	570, 616	59	351, 398	23, 658	67, 294	13, 635	246, 811
EAST NORTH CENTRAL:							
Ohio.....	779, 466	117	483, 615	17, 414	46, 575	18, 506	401, 120
Indiana.....	681, 812	211	332, 212	6, 382	29, 589	3, 735	292, 506
Illinois.....	1, 204, 874	158	2, 099, 528	7, 443	30, 908	1, 179	2, 059, 998
Michigan.....	655, 935	135	196, 251	13, 442	29, 824	10, 480	142, 505
Wisconsin.....	1, 291, 536	439	237, 839	15, 854	24, 734	4, 071	193, 180
WEST NORTH CENTRAL:							
Minnesota.....	1, 363, 731	532	534, 884	17, 894	25, 080	39	491, 871
Iowa.....	2, 565, 575	1, 038	630, 917	18, 689	27, 177	471	584, 580
Missouri.....	1, 766, 435	487	588, 400	4, 642	21, 613	3, 158	558, 987
North Dakota.....	839, 478	1, 233	7 39, 476	13, 042	26, 210	224	(⁹)
South Dakota.....	1, 348, 520	1, 946	7 28, 525	9, 406	15, 867	3, 252	(⁹)
Nebraska.....	2, 399, 788	1, 742	881, 631	11, 364	24, 377	2, 788	843, 102
Kansas.....	2, 350, 516	1, 250	985, 697	8, 372	17, 619	2, 582	957, 124
SOUTH ATLANTIC:							
Delaware.....	18, 039	76	7 697	73	549	75	(⁹)
Maryland.....	119, 335	73	111, 097	1, 405	9, 062	640	99, 990
District of Columbia.....	270	-----	7 2	2	-----	-----	(⁹)
Virginia.....	435, 393	180	28, 960	3, 963	9, 278	998	14, 721
West Virginia.....	332, 806	192	7 13, 579	3, 597	7, 772	2, 210	(⁹)
North Carolina.....	224, 485	71	7 25, 262	7, 881	14, 324	3, 057	(⁹)
South Carolina.....	113, 128	65	731, 205	3, 598	20, 366	7, 241	(⁹)
Georgia.....	424, 307	146	91, 411	7, 369	31, 733	6, 915	45, 394
Florida.....	334, 517	228	50, 378	8, 369	6, 577	17, 826	17, 606
EAST SOUTH CENTRAL:							
Kentucky.....	538, 707	206	80, 070	1, 805	6, 661	3, 217	68, 387
Tennessee.....	562, 110	215	79, 977	2, 673	11, 884	1, 555	63, 865
Alabama.....	411, 452	155	65, 336	4, 854	18, 830	5, 672	35, 980
Mississippi.....	518, 333	258	7 26, 539	3, 680	21, 875	984	(⁹)
WEST SOUTH CENTRAL:							
Arkansas.....	408, 484	220	34, 620	4, 904	20, 057	5, 709	3, 950
Louisiana.....	459, 346	219	7 38, 206	8, 556	24, 530	5, 120	(⁹)
Oklahoma.....	1, 955, 882	566	7 33, 433	4, 253	23, 611	5, 569	(⁹)
Texas.....	5, 230, 849	898	456, 708	16, 391	70, 508	14, 153	355, 656
MOUNTAIN:							
Montana.....	1, 082, 581	2, 014	53, 969	10, 690	21, 724	584	20, 971
Idaho.....	417, 099	937	32, 939	4, 803	17, 242	2, 551	8, 343
Wyoming.....	737, 556	3, 270	7 9, 243	5, 228	3, 915	100	(⁹)
Colorado.....	1, 161, 947	1, 122	170, 980	7, 358	16, 171	2, 036	145, 415
New Mexico.....	963, 568	2, 276	14, 586	6, 458	7, 688	440	-----
Arizona.....	638, 168	1, 465	37, 829	3, 864	5, 095	-----	28, 870
Utah.....	314, 562	619	54, 623	2, 795	5, 255	2, 007	44, 566
Nevada.....	279, 024	3, 064	7 5, 341	3, 227	2, 114	-----	(⁹)
PACIFIC:							
Washington.....	314, 306	201	163, 612	6, 659	26, 861	6, 812	123, 280
Oregon.....	536, 649	563	100, 052	7, 659	21, 949	1, 476	68, 968
California.....	1, 383, 140	244	666, 878	8, 014	38, 285	49, 878	570, 701

See footnotes at end of table.

TABLE 1.—NUMBER OF MEAT ANIMALS ON FARMS BY KINDS, 1930, AND TOTAL SLAUGHTER BY KINDS, 1929—Continued

DIVISION AND STATE	Totalslaugh- tered ¹	NUMBER OF CALVES SLAUGHTERED			
		By farmers ²	By retailers	By whole- salers	By packers on own account ⁴
UNITED STATES, total.....	6,668,054	457,053	716,026	286,243	5,208,732
NEW ENGLAND:					
Maine.....	17,039	7,083	5,051	3,002	1,903
New Hampshire.....	⁷ 4,895	2,165	2,330	400	(⁶)
Vermont.....	⁷ 13,579	9,353	3,731	495	(⁶)
Massachusetts.....	109,009	2,122	3,473	3,467	99,947
Rhode Island.....	⁷ 3,063	85	378	2,600	(⁶)
Connecticut.....	⁷ 8,176	1,147	3,579	3,450	(⁶)
MIDDLE ATLANTIC:					
New York.....	745,785	30,883	31,932	61,062	621,908
New Jersey.....	138,036	699	4,191	9,162	123,984
Pennsylvania.....	378,804	25,782	88,373	45,941	218,708
EAST NORTH CENTRAL:					
Ohio.....	331,900	10,967	32,334	20,453	268,146
Indiana.....	139,844	6,403	17,166	3,214	113,031
Illinois.....	773,727	12,853	21,639	1,564	737,671
Michigan.....	219,987	31,774	20,253	7,015	160,945
Wisconsin.....	606,697	33,370	66,185	6,929	500,213
WEST NORTH CENTRAL:					
Minnesota.....	789,761	24,652	37,063	65	727,981
Iowa.....	112,674	15,487	14,291	216	82,680
Missouri.....	230,610	5,216	7,773	560	217,061
North Dakota.....	⁷ 26,396	13,430	12,939	27	(⁶)
South Dakota.....	⁷ 11,041	5,116	5,325	600	(⁶)
Nebraska.....	99,211	9,152	7,031	219	82,809
Kansas.....	261,626	9,335	4,774	757	246,760
SOUTH ATLANTIC:					
Delaware.....	⁷ 3,033	90	1,458	1,485	(⁶)
Maryland.....	86,235	1,030	16,834	950	67,421
District of Columbia.....	23,508	29			23,479
Virginia.....	21,842	2,875	9,160	1,717	8,090
West Virginia.....	⁷ 9,648	3,304	4,586	1,458	(⁶)
North Carolina.....	⁷ 21,559	8,685	9,902	2,972	(⁶)
South Carolina.....	⁷ 16,291	2,533	6,189	7,569	(⁶)
Georgia.....	⁷ 10,746	3,866	5,360	1,520	(⁶)
Florida.....	⁷ 7,154	2,430	1,003	3,721	(⁶)
EAST SOUTH CENTRAL:					
Kentucky.....	47,534	855	4,037	998	41,644
Tennessee.....	49,344	3,637	5,644	1,023	39,040
Alabama.....	20,136	3,678	5,684	1,560	9,214
Mississippi.....	⁷ 14,124	3,664	9,695	765	(⁶)
WEST SOUTH CENTRAL:					
Arkansas.....	22,081	4,461	9,256	3,136	5,228
Louisiana.....	26,044	3,493	19,676	2,875	(⁶)
Oklahoma.....	⁷ 18,943	8,093	8,592	2,258	(⁶)
Texas.....	497,560	23,052	90,775	8,061	375,672
MOUNTAIN:					
Montana.....	33,043	11,371	15,037	812	5,823
Idaho.....	22,507	7,702	9,679	959	4,167
Wyoming.....	⁷ 3,581	2,132	1,424	25	(⁶)
Colorado.....	41,495	7,072	3,803	1,053	29,567
New Mexico.....	10,560	5,403	4,862	295	(⁶)
Arizona.....	10,069	2,261	1,236		6,572
Utah.....	21,365	5,506	3,466	1,955	10,438
Nevada.....	⁷ 4,479	2,735	1,744		(⁶)
PACIFIC:					
Washington.....	86,882	29,711	24,019	15,376	17,776
Oregon.....	61,505	33,653	15,318	794	11,740
California.....	256,691	16,658	37,476	51,708	150,849

See footnotes at end of table.

TABLE 1.—NUMBER OF MEAT ANIMALS ON FARMS BY KINDS, 1930, AND TOTAL SLAUGHTER BY KINDS, 1929—Continued

DIVISION AND STATE	SHEEP AND LAMBS		NUMBER OF SHEEP AND LAMBS SLAUGHTERED IN 1929				
	Number on farms, 1930 ²	Number per 1,000 population, 1930 ³	Total slaugh- tered ⁵	By farm- ers ²	By re- tailers	By whole- salers	By pack- ers on own ac- count ⁴
UNITED STATES, total.....	56,975,084	464	16,366,406	328,231	193,372	155,860	15,688,943
NEW ENGLAND:							
Maine.....	99,782	125	19,180	7,062	5,247	6,144	727
New Hampshire.....	21,254	46	74,516	975	3,476	65	(⁶)
Vermont.....	51,175	142	73,316	1,771	1,445	100	(⁶)
Massachusetts.....	12,716	3	72,081	557	125	1,399	(⁶)
Rhode Island.....	3,060	4	7221	121	100		(⁶)
Connecticut.....	13,466	8	1,113	653	335	125	-----
MIDDLE ATLANTIC:							
New York.....	618,075	49	2,528,444	17,122	18,679	20,163	2,472,480
New Jersey.....	11,744	3	553,161	287	318	4,029	548,527
Pennsylvania.....	589,774	61	405,877	7,163	25,714	9,401	363,594
EAST NORTH CENTRAL:							
Ohio.....	2,535,664	381	315,887	4,116	8,273	9,428	294,070
Indiana.....	1,118,184	345	101,137	1,043	2,502	285	97,307
Illinois.....	944,597	124	3,007,845	1,924	1,647	251	3,004,023
Michigan.....	1,416,243	292	313,988	4,524	5,271	1,222	302,971
Wisconsin.....	584,608	199	92,173	3,172	4,119	415	84,467
WEST NORTH CENTRAL:							
Minnesota.....	927,098	362	643,361	3,836	1,633	3	637,889
Iowa.....	1,557,517	630	630,188	2,998	1,262	1	625,927
Missouri.....	1,750,089	482	1,272,052	1,818	1,916	169	1,268,149
North Dakota.....	856,621	1,258	75,391	3,859	1,532		(⁶)
South Dakota.....	1,150,346	1,660	74,359	3,213	898	248	(⁶)
Nebraska.....	496,411	360	1,695,222	1,969	1,197	11	1,692,045
Kansas.....	574,336	305	1,444,140	2,069	262	924	1,440,885
SOUTH ATLANTIC:							
Delaware.....	5,326	22	7414	200	214		(⁶)
Maryland.....	194,152	119	88,673	610	7,559	725	79,779
District of Columbia.....	6	-----	(⁷)	-----	-----	-----	(⁶)
Virginia.....	828,526	342	11,048	3,744	3,997	277	3,030
West Virginia.....	896,661	519	76,764	3,043	1,763	1,958	(⁶)
North Carolina.....	146,285	46	75,820	2,805	2,758	257	(⁶)
South Carolina.....	18,841	11	71,201	645	362	194	(⁶)
Georgia.....	49,690	17	72,522	1,685	833	4	(⁶)
Florida.....	47,275	32	7801	537	264	-----	(⁶)
EAST SOUTH CENTRAL:							
Kentucky.....	1,597,223	611	24,968	2,827	1,033	471	20,637
Tennessee.....	625,888	239	21,211	2,996	3,215	405	14,595
Alabama.....	69,156	26	71,550	1,063	425	62	(⁶)
Mississippi.....	110,056	55	72,085	1,365	714	6	(⁶)
WEST SOUTH CENTRAL:							
Arkansas.....	85,800	46	1,821	923	564	334	-----
Louisiana.....	171,432	82	2,932	1,459	1,345	128	-----
Oklahoma.....	221,616	92	71,414	1,107	254	53	(⁶)
Texas.....	7,021,334	1,205	306,894	5,179	3,678	303	297,734
MOUNTAIN:							
Montana.....	4,027,457	7,491	31,967	13,072	5,572	275	13,048
Idaho.....	3,301,754	7,419	21,789	10,256	5,258	573	5,702
Wyoming.....	3,417,460	15,151	728,931	27,555	1,351	25	(⁶)
Colorado.....	2,505,159	2,419	247,491	17,312	1,612	408	228,159
New Mexico.....	2,291,426	5,413	66,766	48,317	2,314	16,135	-----
Arizona.....	1,339,905	3,076	737,657	36,194	1,463		(⁶)
Utah.....	2,922,457	5,755	80,813	22,901	3,478	3,507	50,927
Nevada.....	1,201,837	13,199	712,619	10,765	1,854	-----	(⁶)
PACIFIC:							
Washington.....	1,142,603	731	179,292	5,171	15,358	1,225	157,538
Oregon.....	3,319,271	3,480	116,710	14,854	11,572	5,923	84,361
California.....	4,083,728	719	1,628,997	21,389	28,611	68,229	1,510,768

See footnotes at end of table.

TABLE 1.—NUMBER OF MEAT ANIMALS ON FARMS BY KINDS, 1930, AND TOTAL SLAUGHTER BY KINDS, 1929—Continued

DIVISION AND STATE	SWINE		NUMBER OF SWINE SLAUGHTERED IN 1929				
	Number on farms, 1930 ¹	Number per 1,000 population, 1930 ²	Total slaughtered ³	By farmers ²	By retailers	By wholesalers	By packers on own account ⁴
UNITED STATES, total.....	56,287,920	458	66,334,942	10,738,502	1,496,935	397,133	53,702,372
NEW ENGLAND:							
Maine.....	45,712	57	64,772	19,172	8,691	3,255	33,654
New Hampshire.....	15,576	33	9,323	6,464	2,509	773	-----
Vermont.....	29,432	82	7 27,677	19,897	7,007	-----	(6)
Massachusetts.....	104,768	25	929,273	9,234	4,793	6,451	908,795
Rhode Island.....	4,811	7	7 1,304	784	520	-----	(6)
Connecticut.....	27,516	17	7 6,948	6,164	539	245	(6)
MIDDLE ATLANTIC:							
New York.....	220,826	18	2,513,093	126,903	23,273	10,878	2,352,039
New Jersey.....	128,466	32	1,474,387	17,109	8,462	29,722	1,419,094
Pennsylvania.....	657,281	68	2,943,887	404,378	138,619	27,423	2,373,467
EAST NORTH CENTRAL:							
Ohio.....	2,777,938	418	4,069,963	437,665	114,499	52,813	3,464,986
Indiana.....	3,347,256	1,034	2,541,953	374,400	78,030	21,535	2,067,988
Illinois.....	4,651,772	610	9,478,254	505,709	65,231	11,709	8,895,605
Michigan.....	596,557	123	1,671,380	177,353	49,373	24,583	1,420,071
Wisconsin.....	1,611,993	548	2,436,170	307,124	66,533	3,204	2,059,309
WEST NORTH CENTRAL:							
Minnesota.....	3,315,466	1,293	4,601,010	355,654	36,284	10	4,209,062
Iowa.....	10,055,591	4,070	5,905,154	453,775	35,580	587	5,415,212
Missouri.....	3,861,240	1,064	3,927,940	557,594	58,422	12,562	3,299,362
North Dakota.....	628,070	922	7 247,924	205,128	42,448	348	(6)
South Dakota.....	2,637,188	3,806	1,677,472	151,531	27,726	15,212	1,483,003
Nebraska.....	4,679,161	3,396	2,891,647	261,644	36,849	8,255	2,584,899
Kansas.....	2,473,084	1,315	4,624,475	256,578	29,855	4,788	4,333,254
SOUTH ATLANTIC:							
Delaware.....	30,341	127	7 23,786	19,019	4,197	570	(6)
Maryland.....	205,361	126	971,767	108,325	38,030	5,330	820,082
District of Columbia.....	1,353	3	7 663	-----	-----	-----	(6)
Virginia.....	699,867	289	717,835	459,463	10,672	2,116	245,584
West Virginia.....	221,681	128	7 160,322	153,313	4,681	2,328	(6)
North Carolina.....	838,994	265	7 679,954	644,142	24,133	11,679	(6)
South Carolina.....	471,104	271	7 276,144	243,900	19,052	13,192	(6)
Georgia.....	1,857,400	467	7 664,707	624,470	35,132	5,102	(6)
Florida.....	367,115	386	242,803	196,825	8,845	8,404	28,729
EAST SOUTH CENTRAL:							
Kentucky.....	1,034,593	396	772,882	397,390	17,859	5,752	351,881
Tennessee.....	1,002,319	383	847,170	440,279	26,245	2,642	378,004
Alabama.....	831,171	314	556,443	428,725	20,205	2,127	105,386
Mississippi.....	732,781	365	7 393,076	373,958	18,819	299	(6)
WEST SOUTH CENTRAL:							
Arkansas.....	776,208	419	396,869	344,221	29,229	4,460	18,959
Louisiana.....	759,412	361	7 253,034	218,301	31,831	2,902	(6)
Oklahoma.....	1,051,190	439	7 357,401	305,154	35,334	16,913	(6)
Texas.....	1,561,461	268	1,439,729	695,708	81,346	20,115	642,560
MOUNTAIN:							
Montana.....	210,036	391	186,928	78,941	35,266	3,183	69,538
Idaho.....	267,614	601	114,279	45,900	34,730	4,386	29,263
Wyoming.....	97,993	434	7 32,789	23,429	9,200	160	(6)
Colorado.....	462,301	446	588,805	63,579	11,095	3,071	511,060
New Mexico.....	65,592	155	27,834	21,461	6,073	300	-----
Arizona.....	23,782	55	63,211	5,322	4,510	-----	53,379
Utah.....	67,196	132	156,305	30,122	5,347	1,778	119,058
Nevada.....	22,746	250	7 8,847	5,968	2,879	-----	(6)
PACIFIC:							
Washington.....	186,275	119	649,363	57,990	50,308	3,625	537,440
Oregon.....	224,539	235	327,014	62,581	45,429	3,290	215,714
California.....	647,791	114	1,507,640	35,093	51,242	38,706	1,382,599

¹ Excludes cows and heifers kept mainly for milk production, and bulls born prior to 1929.² Data from Census of Agriculture.³ Data from Census of Population.⁴ Data from Census of Manufactures.⁵ In addition packers reported slaughtered for others on custom or cooperative basis 585,607 head of cattle; 360,243 calves; 330,325 sheep and lambs; and 1,309,139 swine.⁶ Can not be shown separately, but included in United States total.⁷ Does not include slaughter by packers. See note (6).

TABLE 2.—ASSEMBLERS AND DEALERS—LIVESTOCK ONLY

STATE AND COUNTY	TOTAL		COOPERATIVE ASSOCIATIONS		OTHER ASSEMBLERS		OTHER TYPES OF DEALERS	
	Number of establishments	Sales of livestock ¹	Number	Sales of livestock	Number	Sales of livestock	Number	Sales of livestock
		<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>
UNITED STATES, total.....	6,565	3,060,896,276	1,101	154,494,903	4,144	311,559,513	1,320	2,594,841,860
ALABAMA.....	67	1,366,219	10	430,951	43	617,114	14	318,154
Dale.....	3	139,239	3	139,239	---	---	---	---
Geneva.....	16	275,334	3	165,634	13	109,700	---	---
Greene.....	3	14,867	---	---	3	14,867	---	---
Houston.....	9	116,720	2	(x)	4	26,350	3	(x)
Madison.....	4	126,087	---	---	1	(x)	3	(x)
Randolph.....	4	23,750	---	---	4	23,750	---	---
ARKANSAS.....	195	2,964,087	4	(x)	189	2,798,990	2	(x)
Baxter.....	10	64,475	---	---	9	(x)	1	(x)
Benton.....	9	324,097	2	(x)	7	(x)	---	---
Boone.....	18	241,211	---	---	18	241,211	---	---
Carroll.....	3	170,000	---	---	3	170,000	---	---
Crawford.....	4	91,508	---	---	4	91,508	---	---
Franklin.....	7	89,658	---	---	7	89,658	---	---
Greene.....	12	123,681	---	---	12	123,681	---	---
Howard.....	3	10,125	---	---	3	10,125	---	---
Izard.....	6	77,815	---	---	6	77,815	---	---
Jackson.....	3	11,500	---	---	3	11,500	---	---
Johnson.....	3	21,000	---	---	3	21,000	---	---
Lawrence.....	4	153,500	---	---	4	153,500	---	---
Lee.....	7	25,331	---	---	7	25,331	---	---
Little River.....	3	20,500	---	---	3	20,500	---	---
Lonoke.....	12	136,348	---	---	11	(x)	1	(x)
Marion.....	9	57,500	---	---	9	57,500	---	---
Pike.....	6	49,540	---	---	6	49,540	---	---
Poinsett.....	3	43,800	---	---	3	43,800	---	---
Searcy.....	18	95,478	---	---	18	95,478	---	---
Van Buren.....	3	6,500	---	---	3	6,500	---	---
Washington.....	9	243,400	1	(x)	8	(x)	---	---
White.....	12	66,303	---	---	12	66,303	---	---
Yell.....	5	49,500	---	---	5	49,500	---	---
CALIFORNIA.....	51	40,212,926	---	---	37	3,547,808	14	236,665,118
Glenn.....	3	951,484	---	---	3	951,484	---	---
Humboldt.....	3	174,704	---	---	3	174,704	---	---
Los Angeles.....	4	10,554,884	---	---	2	(x)	2	(x)
Merced.....	3	1,585,000	---	---	2	(x)	1	(x)
San Francisco.....	4	12,044,293	---	---	---	---	4	12,044,293
San Mateo.....	4	11,550,968	---	---	---	---	4	11,550,968
Sonoma.....	7	592,355	---	---	7	592,355	---	---
Stanislaus.....	4	161,104	---	---	4	161,104	---	---
Tehama.....	3	220,662	---	---	3	220,662	---	---
Tulare.....	4	106,318	---	---	4	106,318	---	---
COLORADO.....	81	85,122,141	4	426,102	45	4,162,903	33	80,533,136
Costilla.....	9	40,032	---	---	9	40,032	---	---
Denver.....	32	80,506,636	---	---	---	---	32	80,506,636
El Paso.....	5	244,474	---	---	5	244,474	---	---
Kit Carson.....	6	403,144	---	---	6	403,144	---	---
Prowers.....	4	1,450,348	---	---	4	1,450,348	---	---
Saguache.....	4	31,900	---	---	4	31,900	---	---
Yuma.....	3	654,560	1	(x)	2	(x)	---	---
FLORIDA.....	16	826,684	3	(x)	11	248,818	2	(x)
Gilchrist.....	3	86,450	---	---	3	86,450	---	---
Jackson.....	5	81,777	2	(x)	3	(x)	---	---
GEORGIA.....	129	6,535,203	---	---	119	3,423,266	10	3,111,937
Bleckley.....	7	16,950	---	---	6	(x)	1	(x)
Coffee.....	3	24,929	---	---	3	24,929	---	---
Colquitt.....	10	1,575,978	---	---	10	1,575,978	---	---
Crisp.....	4	29,500	---	---	4	29,500	---	---

See footnotes at end of table.

TABLE 2.—ASSEMBLERS AND DEALERS—LIVESTOCK ONLY—Continued

STATE AND COUNTY	TOTAL		COOPERATIVE ASSOCIATIONS		OTHER ASSEMBLERS		OTHER TYPES OF DEALERS	
	Number of establishments	Sales of livestock ¹	Number	Sales of livestock	Number	Sales of livestock	Number	Sales of livestock
GEORGIA—Con.								
		<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>
Dooly.....	3	8,250	-----	-----	3	8,250	-----	-----
Emanuel.....	6	112,490	-----	-----	6	112,490	-----	-----
Evans.....	3	221,000	-----	-----	3	221,000	-----	-----
Fulton.....	4	2,751,578	-----	-----	-----	-----	4	2,751,578
Gilmer.....	3	29,850	-----	-----	3	29,850	-----	-----
Grady.....	5	92,150	-----	-----	5	92,150	-----	-----
Hart.....	7	9,321	-----	-----	7	9,321	-----	-----
Irwin.....	11	163,347	-----	-----	11	163,347	-----	-----
Laurens.....	6	155,300	-----	-----	6	155,300	-----	-----
Oglethorpe.....	3	29,000	-----	-----	3	29,000	-----	-----
Screven.....	11	96,600	-----	-----	11	96,600	-----	-----
Treutlen.....	5	12,400	-----	-----	5	12,400	-----	-----
IDAHO.....	28	1,925,032	-----	-----	28	1,925,032	-----	-----
Bingham.....	4	33,245	-----	-----	4	33,245	-----	-----
Kootenai.....	3	79,500	-----	-----	3	79,500	-----	-----
Lincoln.....	3	184,373	-----	-----	3	184,373	-----	-----
Payette.....	3	167,026	-----	-----	3	167,026	-----	-----
Washington.....	4	674,164	-----	-----	4	674,164	-----	-----
ILLINOIS.....	377	661,108,098	95	12,329,556	104	7,741,695	178	641,036,847
Champaign.....	9	404,687	6	264,137	3	140,550	-----	-----
Christian.....	5	927,721	3	(x)	2	(x)	-----	-----
Clay.....	4	206,460	1	(x)	3	(x)	-----	-----
Coles.....	5	462,664	4	(x)	1	(x)	-----	-----
Cook.....	62	416,286,057	-----	-----	-----	-----	62	416,286,057
De Witt.....	7	721,557	7	721,557	-----	-----	-----	-----
Douglas.....	3	256,719	2	(x)	1	(x)	-----	-----
Hamilton.....	3	77,400	-----	-----	3	77,400	-----	-----
Hancock.....	11	1,431,874	5	401,762	6	1,030,112	-----	-----
Henry.....	4	224,245	-----	-----	4	224,245	-----	-----
Jefferson.....	6	54,280	-----	-----	6	54,280	-----	-----
Johnson.....	3	62,226	-----	-----	3	62,226	-----	-----
Kane.....	3	224,327	-----	-----	3	224,327	-----	-----
La Salle.....	7	845,420	5	(x)	1	(x)	1	-----
Lawrence.....	3	227,211	-----	-----	3	227,211	-----	-----
Livingston.....	6	201,301	5	(x)	1	(x)	-----	-----
McDonough.....	4	3,149,286	-----	-----	-----	-----	4	3,149,286
Marshall.....	6	379,026	-----	-----	5	(x)	1	(x)
Menard.....	8	399,681	1	(x)	7	(x)	-----	-----
Moultrie.....	4	407,291	3	(x)	-----	-----	1	(x)
Ogle.....	3	411,230	1	(x)	2	(x)	-----	-----
Peoria.....	3	9,666,492	-----	-----	-----	-----	3	9,666,492
Piatt.....	12	1,001,064	8	343,214	4	657,850	-----	-----
Pike.....	3	209,682	1	(x)	2	(x)	-----	-----
Randolph.....	7	243,520	-----	-----	7	243,520	-----	-----
Richland.....	7	651,608	1	(x)	6	(x)	-----	-----
St. Clair.....	93	205,171,036	-----	-----	-----	-----	93	205,171,036
Sangamon.....	7	5,490,370	-----	-----	1	(x)	6	(x)
Stephenson.....	18	3,534,222	17	(x)	-----	-----	1	(x)
Union.....	5	53,000	-----	-----	4	(x)	1	(x)
Wabash.....	3	231,000	2	(x)	1	(x)	-----	-----
White.....	8	387,796	1	(x)	7	(x)	-----	-----
Whiteside.....	3	1,082,197	3	1,082,197	-----	-----	-----	-----
Williamson.....	4	24,298	-----	-----	3	(x)	1	(x)
INDIANA.....	219	146,990,843	24	4,910,550	119	12,017,120	76	130,063,173
Adams.....	3	262,000	-----	-----	3	262,000	-----	-----
Bartholomew.....	5	74,200	-----	-----	5	74,200	-----	-----
Decatur.....	3	438,736	-----	-----	3	438,736	-----	-----
Delaware.....	5	4,071,081	1	(x)	1	(x)	3	(x)
Dubois.....	3	157,115	2	(x)	1	(x)	-----	-----
Elkhart.....	3	29,700	-----	-----	2	(x)	1	(x)
Fulton.....	8	387,821	2	(x)	6	(x)	-----	-----
Hamilton.....	4	315,000	-----	-----	4	315,000	-----	-----
Harrison.....	4	50,900	-----	-----	4	50,900	-----	-----
Huntington.....	10	174,000	-----	-----	10	174,000	-----	-----
Jasper.....	4	142,396	1	(x)	3	(x)	-----	-----
La Porte.....	5	286,289	-----	-----	5	286,289	-----	-----

See footnotes at end of table.

TABLE 2.—ASSEMBLERS AND DEALERS—LIVESTOCK ONLY—Continued

STATE AND COUNTY	TOTAL		COOPERATIVE ASSOCIATIONS		OTHER ASSEMBLERS		OTHER TYPES OF DEALERS	
	Number of establishments	Sales of livestock ¹	Number	Sales of livestock	Number	Sales of livestock	Number	Sales of livestock
INDIANA—Con.		Dollars		Dollars		Dollars		Dollars
Madison.....	5	43,000			5	43,000		
Marion.....	52	105,224,660					52	105,224,660
Martin.....	3	193,000	1	(x)	2	(x)		
Parke.....	5	57,600			5	57,600		
Pulaski.....	4	258,229	3	(x)	1	(x)		
Ripley.....	8	240,200	1	(x)	7	(x)		
Rush.....	3	921,500			2	(x)	1	(x)
Shelby.....	4	123,500			4	123,500		
Tippecanoe.....	6	4,428,312			1	(x)	5	(x)
Union.....	5	39,000			5	39,000		
Vanderburg.....	3	13,954,213					3	13,954,213
Wabash.....	5	3,317,000	1	(x)	2	(x)	2	(x)
Wayne.....	3	1,550,976	1	(x)			2	(x)
White.....	5	83,620	1	(x)	4	(x)		
Whitley.....	7	349,430	2	(x)	5	(x)		
Iowa.....	592	285,826,401	209	32,604,517	308	73,723,323	75	179,498,561
Adair.....	5	1,875,242			5	1,875,242		
Appanoose.....	8	943,676	7	(x)	1	(x)		
Audubon.....	5	1,288,320	1	(x)	4	(x)		
Benton.....	7	1,123,141	3	124,435	4	998,706		
Black Hawk.....	3	306,495	2	(x)	1	(x)		
Boone.....	9	998,686	6	694,668	3	304,018		
Bremer.....	7	653,300	1	(x)	6	(x)		
Buena Vista.....	11	2,819,864	6	1,131,688	5	1,688,176		
Butler.....	7	1,381,453			7	1,381,453		
Calhoun.....	4	609,539	2	(x)	2	(x)		
Carroll.....	11	2,245,125	2	(x)	9	(x)		
Cedar.....	7	1,785,694	6	(x)	1	(x)		
Cerro Gordo.....	5	1,708,155	3	(x)	1	(x)	1	(x)
Chickasaw.....	9	636,042	1	(x)	8	(x)		
Clarke.....	5	1,006,443	2	(x)	3	(x)		
Clayton.....	19	3,338,113	14	2,398,668	5	939,445		
Crawford.....	5	745,994	1	(x)	3	(x)	1	(x)
Decatur.....	7	1,289,270	2	(x)	5	(x)		
Delaware.....	9	1,662,450	1	(x)	8	(x)		
Dickinson.....	7	1,438,220	4	691,516	3	746,704		
Dubuque.....	8	1,586,440	8	1,586,440				
Floyd.....	8	905,771	2	(x)	6	(x)		
Greene.....	7	837,051	5	(x)	2	(x)		
Grundy.....	12	3,046,119	2	(x)	10	(x)		
Guthrie.....	4	680,406	1	(x)	3	(x)		
Hamilton.....	12	3,972,852	2	(x)	10	(x)		
Hancock.....	3	670,414	2	(x)	1	(x)		
Hardin.....	6	1,037,905	1	(x)	5	(x)		
Henry.....	12	1,812,075	8	1,087,938	4	724,137		
Howard.....	12	2,057,754	3	860,328	9	1,197,426		
Iowa.....	11	3,650,032	6	1,746,347	5	1,903,685		
Jackson.....	9	752,286	2	(x)	7	(x)		
Jefferson.....	15	1,070,314	6	560,367	9	509,947		
Johnson.....	6	604,112			6	604,112		
Jones.....	12	2,008,652	7	1,384,652	5	624,000		
Keokuk.....	12	1,438,835	7	331,314	4	(x)	1	(x)
Kossuth.....	13	1,116,230	3	(x)	9	832,657	1	(x)
Linn.....	3	745,307	1	(x)	2	(x)		
Lucas.....	4	411,000	1	(x)	3	(x)		
Marion.....	7	2,020,957			7	2,020,957		
Marshall.....	16	2,559,318	8	1,086,036	8	1,473,282		
Mitchell.....	8	996,278			7	(x)	1	(x)
Montgomery.....	3	2,123,014	1	(x)	2	(x)		
Osceola.....	5	2,715,376	3	(x)	2	(x)		
Palo Alto.....	12	2,740,382	6	1,353,582	6	1,386,800		
Polk.....	7	9,210,550			6	(x)	1	(x)
Poweshiek.....	8	1,447,229	5	1,197,229	3	250,000		
Ringgold.....	6	588,000	2	(x)	4	(x)		
Scott.....	7	503,157	5	(x)	2	(x)		
Story.....	12	1,267,268	8	765,768	4	501,500		
Tama.....	7	567,891	4	353,091	3	214,800		
Union.....	6	1,339,697	2	(x)	3	672,731	1	(x)
Van Buren.....	9	1,050,625	2	(x)	7	(x)		
Wapello.....	3	316,343			3	316,343		

See footnotes at end of table.

TABLE 2.—ASSEMBLERS AND DEALERS—LIVESTOCK ONLY—Continued

STATE AND COUNTY	TOTAL		COOPERATIVE ASSOCIATIONS		OTHER ASSEMBLERS		OTHER TYPES OF DEALERS	
	Number of establishments	Sales of livestock ¹	Number	Sales of livestock	Number	Sales of livestock	Number	Sales of livestock
IOWA—Continued.								
Washington.....	12	Dollars 2,918,886	5	Dollars 434,224	7	Dollars 2,484,662	---	Dollars ---
Wayne.....	17	3,080,121	1	(x)	16	(x)	---	---
Webster.....	6	599,604	3	339,604	3	260,000	---	---
Winneshago.....	3	1,236,036	1	(x)	2	(x)	---	---
Winneshiek.....	4	1,056,135	4	1,056,135	---	---	---	---
Woodbury.....	68	176,889,744	---	---	1	(x)	67	(x)
Worth.....	4	656,620	2	(x)	2	(x)	---	---
Wright.....	11	4,020,324	6	1,371,574	5	2,648,750	---	---
KANSAS.....	169	36,619,119	11	744,474	142	10,697,774	16	25,176,871
Barber.....	5	365,758	---	---	5	365,758	---	---
Brown.....	4	50,600	---	---	4	50,600	---	---
Cheyenne.....	6	68,600	---	---	6	68,600	---	---
Crawford.....	6	235,498	1	(x)	5	(x)	---	---
Jackson.....	6	440,071	1	(x)	5	(x)	---	---
Jewel.....	8	1,369,745	---	---	8	1,369,745	---	---
Kearney.....	3	72,537	---	---	3	72,537	---	---
Linn.....	4	79,100	---	---	4	79,100	---	---
Logan.....	4	75,000	---	---	4	75,000	---	---
Lyon.....	11	679,864	2	(x)	9	(x)	---	---
Marshall.....	5	589,745	3	(x)	2	(x)	---	---
Mitchell.....	4	375,500	---	---	4	375,500	---	---
Nemaha.....	6	228,800	---	---	6	228,800	---	---
Ness.....	3	111,500	---	---	3	111,500	---	---
Osborne.....	3	187,800	---	---	3	187,800	---	---
Phillips.....	6	446,000	---	---	6	446,000	---	---
Pottawatomie.....	7	1,173,253	---	---	7	1,173,253	---	---
Pratt.....	6	45,647	---	---	6	45,647	---	---
Riley.....	5	987,579	---	---	5	987,579	---	---
Sedgwick.....	14	25,026,413	---	---	---	---	14	25,026,413
Thomas.....	5	344,818	---	---	5	344,818	---	---
Wabaunsee.....	8	731,926	1	(x)	7	(x)	---	---
Woodson.....	6	597,500	---	---	6	597,500	---	---
KENTUCKY.....	231	42,709,217	7	4,691,549	198	9,256,664	26	28,761,004
Ballard.....	6	34,300	---	---	6	34,300	---	---
Bracken.....	4	14,725	---	---	4	14,725	---	---
Caldwell.....	3	115,000	---	---	3	115,000	---	---
Carlisle.....	6	643,964	---	---	6	643,964	---	---
Christian.....	10	379,600	---	---	8	(x)	2	(x)
Clinton.....	6	28,600	---	---	6	28,600	---	---
Elliott.....	3	120,000	---	---	3	120,000	---	---
Fleming.....	10	605,000	---	---	10	605,000	---	---
Fulton.....	3	78,000	---	---	3	78,000	---	---
Garrard.....	3	55,000	---	---	3	55,000	---	---
Graves.....	5	1,266,700	---	---	5	1,266,700	---	---
Green.....	5	65,000	---	---	5	65,000	---	---
Greenup.....	4	71,000	---	---	4	71,000	---	---
Hickman.....	7	700,000	---	---	7	700,000	---	---
Jackson.....	7	45,525	---	---	7	45,525	---	---
Jefferson.....	16	22,478,833	---	---	---	---	16	22,478,833
Johnson.....	4	113,822	---	---	4	113,822	---	---
Lincoln.....	13	420,533	1	(x)	12	(x)	---	---
Logan.....	5	509,600	1	(x)	4	(x)	---	---
Magoffin.....	20	213,000	---	---	20	213,000	---	---
Martin.....	10	7,795	---	---	10	7,795	---	---
Mercer.....	15	722,859	---	---	14	(x)	1	(x)
Morgan.....	3	125,250	---	---	3	125,250	---	---
Nicholas.....	3	171,656	---	---	3	171,656	---	---
Taylor.....	5	487,045	---	---	5	487,045	---	---
Todd.....	3	159,500	---	---	3	159,500	---	---
Warren.....	8	609,450	---	---	8	609,450	---	---
Wayne.....	3	148,000	---	---	3	148,000	---	---
LOUISIANA.....	34	6,250,743	---	---	21	286,205	13	5,964,538
Catahoula.....	3	63,200	---	---	3	63,200	---	---
Grant.....	4	8,300	---	---	4	8,300	---	---
Natchitoches.....	4	27,704	---	---	3	(x)	1	(x)
St. Bernard.....	6	5,586,274	---	---	---	---	6	5,586,274

See footnotes at end of table.

TABLE 2.—ASSEMBLERS AND DEALERS—LIVESTOCK ONLY—Continued

STATE AND COUNTY	TOTAL		COOPERATIVE ASSOCIATIONS		OTHER ASSEMBLERS		OTHER TYPES OF DEALERS	
	Number of establishments	Sales of livestock ¹	Number	Sales of livestock	Number	Sales of livestock	Number	Sales of livestock
		Dollars		Dollars		Dollars		Dollars
MAINE.....	35	760,654			24	580,255	11	180,399
Aroostook.....	3	67,122			2	(x)	1	(x)
Oxford.....	5	82,750			5	82,750		
Penobscot.....	14	154,380			6	55,230	8	99,150
Sagadahoc.....	3	178,160			3	178,160		
Somerset.....	5	104,615			5	104,615		
MARYLAND.....	31	1,223,680			30	1,218,680	1	5,000
Carroll.....	5	87,286			5	87,286		
Frederick.....	6	564,610			6	564,610		
Montgomery.....	3	167,977			3	167,977		
Washington.....	7	144,000			7	144,000		
MASSACHUSETTS.....	22	1,686,435					22	1,686,435
Bristol.....	6	26,985					6	26,985
Hampden.....	9	174,674					9	174,674
Worcester.....	5	181,562					5	181,562
MICHIGAN.....	95	32,834,099	41	3,705,424	46	2,649,617	8	26,479,058
Clare.....	3	152,694	2	(x)	1	(x)		
Clinton.....	4	565,836	3	(x)	1	(x)		
Eaton.....	3	539,361	1	(x)	2	(x)		
Gratiot.....	3	446,993	2	(x)	1	(x)		
Hillsdale.....	9	548,470	7	(x)	2	(x)		
Huron.....	10	554,986	5	288,486	5	266,500		
Ingham.....	4	231,678	2	(x)	2	(x)		
Ionia.....	11	1,176,234	4	408,520	7	767,714		
Kent.....	4	258,378	2	(x)			2	(x)
Macomb.....	3	58,750			3	58,750		
Mecosta.....	3	52,000			3	52,000		
Saginaw.....	3	117,584	2	(x)	1	(x)		
Shiawassee.....	5	357,081	3	(x)	2	(x)		
Wayne.....	4	26,220,058					4	26,220,058
MINNESOTA.....	523	236,988,941	303	45,151,183	168	21,983,368	52	169,854,390
Anoka.....	8	94,900			8	94,900		
Becker.....	6	368,419	3	199,403	3	169,016		
Beltrami.....	4	94,500	1	(x)	3	(x)		
Big Stone.....	7	1,012,392	5	(x)	2	(x)		
Blue Earth.....	13	1,908,956	7	1,059,808	5	(x)	1	(x)
Brown.....	13	2,844,976	10	2,504,676	2	(x)	1	(x)
Cass.....	7	108,500	1	(x)	6	(x)		
Chippewa.....	6	1,666,429	3	377,030	3	1,289,399		
Clay.....	3	159,675	1	(x)	2	(x)		
Clearwater.....	4	195,236	2	(x)	2	(x)		
Cottonwood.....	10	1,789,623	6	1,235,793	4	553,830		
Dakota.....	46	168,589,969					46	168,589,969
Dodge.....	2	2,030,979	3	103,087	5	1,927,942		
Douglas.....	13	1,637,021	12	(x)	1	(x)		
Faribault.....	14	2,548,413	9	1,653,845	5	894,568		
Fillmore.....	18	2,578,755	6	849,828	12	1,728,927		
Freeborn.....	7	1,278,420	3	273,282	4	1,005,138		
Grant.....	8	1,305,466	7	(x)	1	(x)		
Houston.....	4	761,400			4	761,400		
Jackson.....	10	1,752,630	3	(x)	6	1,110,000	1	(x)
Kandiyohi.....	12	1,795,990	10	(x)	2	(x)		
Kittson.....	7	296,101	3	166,501	4	129,600		
Lac qui Parle.....	8	1,132,124	7	(x)	1	(x)		
Lincoln.....	6	915,338	5	(x)	1	(x)		
Lyon.....	12	2,000,882	7	1,123,489	5	877,393		
McLeod.....	7	1,507,842	7	1,507,842				
Mahnomon.....	3	153,511	1	(x)	2	(x)		
Marshall.....	19	844,880	9	295,405	10	549,475		
Martin.....	10	1,613,784	5	1,201,475	5	412,309		
Meeker.....	12	1,862,125	11	(x)	1	(x)		
Morrison.....	4	308,868	1	(x)	3	(x)		

See footnotes at end of table.

TABLE 2.—ASSEMBLERS AND DEALERS—LIVESTOCK ONLY—Continued

STATE AND COUNTY	TOTAL		COOPERATIVE ASSOCIATIONS		OTHER ASSEMBLERS		OTHER TYPES OF DEALERS	
	Number of establishments	Sales of livestock ¹	Number	Sales of livestock	Number	Sales of livestock	Number	Sales of livestock
MINNESOTA—Con.		<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>
Murray	5	1, 017, 381	1	(x)	4	(x)	—	—
Nobles	4	992, 893	3	(x)	1	(x)	—	—
Norman	16	814, 732	6	409, 632	10	405, 100	—	—
Olmsted	3	588, 622	1	(x)	2	(x)	—	—
Otter Tail	11	1, 476, 359	10	(x)	1	(x)	—	—
Pipestone	3	1, 459, 974	1	(x)	2	(x)	—	—
Polk	8	649, 900	3	179, 400	5	470, 500	—	—
Pope	8	1, 179, 528	8	1, 179, 528	—	—	—	—
Redwood	21	3, 323, 310	16	2, 816, 135	5	507, 175	—	—
Renville	11	3, 272, 705	9	(x)	2	(x)	—	—
Roseau	4	213, 989	1	(x)	3	(x)	—	—
Sibley	11	2, 073, 954	10	(x)	1	(x)	—	—
Stearns	11	1, 295, 210	11	1, 295, 210	—	—	—	—
Steele	8	1, 737, 234	8	1, 737, 234	—	—	—	—
Stevens	5	984, 779	5	984, 779	—	—	—	—
Todd	7	935, 745	6	(x)	1	(x)	—	—
Traverse	4	646, 497	3	(x)	—	—	1	(x)
Wabasha	5	177, 224	5	177, 224	—	—	—	—
Wadena	7	566, 451	5	(x)	2	(x)	—	—
Washington	3	56, 000	—	—	3	56, 000	—	—
Wetown	12	2, 400, 958	11	(x)	1	(x)	—	—
Wilkin	6	376, 179	5	(x)	1	(x)	—	—
Winona	5	814, 542	2	(x)	3	(x)	—	—
Wright	7	716, 158	7	716, 158	—	—	—	—
Yellow Medicine	7	1, 394, 330	7	1, 394, 330	—	—	—	—
MISSISSIPPI	103	1, 454, 654	—	—	101	1, 200, 040	2	254, 614
Calhoun	3	71, 496	—	—	3	71, 496	—	—
Clay	10	123, 281	—	—	10	123, 281	—	—
Hinds	8	121, 548	—	—	8	121, 548	—	—
Itawamba	4	22, 750	—	—	4	22, 750	—	—
Lauderdale	5	25, 100	—	—	5	25, 100	—	—
Lee	5	310, 000	—	—	5	310, 000	—	—
Pontotoc	3	63, 600	—	—	3	63, 600	—	—
Quitman	3	30, 540	—	—	3	30, 540	—	—
Rankin	19	72, 800	—	—	19	72, 800	—	—
Scott	4	38, 000	—	—	4	38, 000	—	—
Tishomingo	3	11, 000	—	—	3	11, 000	—	—
Wayne	9	44, 494	—	—	9	44, 494	—	—
MISSOURI	567	520, 649, 883	69	9, 302, 137	198	7, 829, 374	300	503, 518, 372
Adair	6	196, 605	—	—	—	—	—	—
Buchanan	73	114, 839, 893	3	165, 367	3	31, 238	73	114, 839, 893
Butler	3	132, 505	1	(x)	2	(x)	—	—
Callaway	3	175, 239	3	175, 239	—	—	—	—
Cape Girardeau	4	500, 207	2	(x)	—	—	2	(x)
Cass	3	226, 100	—	—	2	(x)	1	(x)
Christian	11	262, 577	—	—	11	262, 577	—	—
Dunklin	6	52, 436	3	29, 436	3	23, 000	—	—
Greene	10	4, 389, 792	1	(x)	—	—	9	(x)
Harrison	5	965, 862	5	965, 862	—	—	—	—
Howell	53	530, 322	—	—	53	530, 322	—	—
Jackson	212	384, 945, 796	—	—	—	—	212	384, 945, 796
Jasper	3	9, 500	—	—	2	(x)	1	(x)
Johnson	3	439, 623	3	439, 623	—	—	—	—
La Fayette	3	185, 153	1	(x)	2	(x)	—	—
Macon	3	343, 500	—	—	3	343, 500	—	—
Madison	3	41, 770	—	—	3	41, 770	—	—
Marion	5	671, 331	2	(x)	3	(x)	—	—
Mercer	4	585, 446	—	—	4	585, 446	—	—
Monroe	5	1, 244, 287	3	(x)	2	(x)	—	—
Morgan	4	291, 135	2	(x)	2	(x)	—	—
New Madrid	3	34, 000	—	—	3	34, 000	—	—
Newton	3	34, 300	—	—	3	34, 300	—	—
Oregon	21	370, 850	—	—	21	370, 850	—	—
Ozark	8	65, 625	—	—	8	65, 625	—	—
Polk	16	771, 299	5	379, 253	11	392, 046	—	—
Putnam	7	253, 376	—	—	7	253, 376	—	—

See footnotes at end of table.

TABLE 2.—ASSEMBLERS AND DEALERS—LIVESTOCK ONLY—Continued

STATE AND COUNTY	TOTAL		COOPERATIVE ASSOCIATIONS		OTHER ASSEMBLERS		OTHER TYPES OF DEALERS	
	Number of establishments	Sales of livestock 1	Number	Sales of livestock	Number	Sales of livestock	Number	Sales of livestock
MISSOURI—Contd.		Dollars		Dollars		Dollars		Dollars
Randolph.....	3	226,000	2	(x)	1	(x)	—	—
St. Claire.....	5	971,250	—	—	5	971,250	—	—
Saline.....	3	418,110	2	(x)	1	(x)	—	—
Schuyler.....	5	573,735	2	(x)	3	(x)	—	—
Scotland.....	6	521,750	2	(x)	4	(x)	—	—
Scott.....	4	102,000	—	—	4	102,000	—	—
Shelby.....	7	1,332,970	7	1,332,970	—	—	—	—
Stoddard.....	4	277,690	3	(x)	1	(x)	—	—
Texas.....	4	68,200	—	—	4	68,200	—	—
Wayne.....	6	74,736	—	—	6	74,736	—	—
MONTANA.....	30	2,699,405	3	189,718	22	1,177,660	5	1,332,027
Fergus.....	6	223,471	—	—	6	223,471	—	—
Lake.....	3	148,450	1	(x)	2	(x)	—	—
Ravalli.....	3	292,900	—	—	3	292,900	—	—
Yellowstone.....	5	1,332,027	—	—	—	—	5	1,332,027
NEBRASKA.....	353	384,730,672	31	2,900,526	166	31,061,494	156	350,768,652
Boone.....	6	1,791,407	2	(x)	4	(x)	—	—
Clay.....	3	329,000	—	—	3	329,000	—	—
Custer.....	7	1,487,700	1	(x)	6	(x)	—	—
Deuel.....	4	551,350	—	—	4	551,350	—	—
Douglas.....	148	344,061,491	—	—	—	—	148	344,061,491
Dundy.....	5	413,000	1	(x)	4	(x)	—	—
Fillmore.....	9	1,088,544	2	(x)	6	991,088	1	(x)
Franklin.....	6	1,058,000	—	—	6	1,058,000	—	—
Frontier.....	4	453,829	1	(x)	3	(x)	—	—
Furnas.....	3	310,000	—	—	3	310,000	—	—
Gage.....	13	1,145,536	3	67,234	10	1,078,302	—	—
Hall.....	4	3,898,321	—	—	3	(x)	1	(x)
Hamilton.....	3	175,546	1	(x)	2	(x)	—	—
Harlan.....	4	297,280	—	—	4	297,280	—	—
Hitchcock.....	5	722,979	1	(x)	4	(x)	—	—
Howard.....	7	476,743	3	181,523	4	295,220	—	—
Kearney.....	6	1,591,571	—	—	6	1,591,571	—	—
Keith.....	3	328,663	—	—	3	328,663	—	—
Knox.....	5	828,000	1	(x)	4	(x)	—	—
Lincoln.....	3	691,784	—	—	3	691,784	—	—
Madison.....	3	2,002,586	—	—	2	(x)	1	(x)
Merrick.....	5	1,158,242	2	(x)	3	(x)	—	—
Nuckolls.....	14	3,096,914	9	301,173	5	2,795,741	—	—
Perkins.....	3	308,140	—	—	3	308,140	—	—
Pierce.....	3	166,150	1	(x)	2	(x)	—	—
Sheridan.....	6	1,033,015	1	(x)	5	(x)	—	—
Sherman.....	4	568,300	—	—	4	568,300	—	—
Thayer.....	4	793,028	—	—	4	793,028	—	—
Valley.....	6	840,229	—	—	6	840,229	—	—
Webster.....	3	488,863	—	—	3	488,863	—	—
York.....	4	583,000	—	—	3	(x)	1	(x)
NEW YORK.....	170	48,871,589	—	—	137	4,586,180	33	44,285,409
Allegany.....	3	20,500	—	—	3	20,500	—	—
Cattaraugus.....	13	242,072	—	—	12	(x)	1	(x)
Cayuga.....	6	291,267	—	—	6	291,267	—	—
Chautauqua.....	10	535,736	—	—	9	(x)	1	(x)
Chenango.....	4	271,706	—	—	3	(x)	1	(x)
Delaware.....	6	122,030	—	—	6	122,030	—	—
Erie.....	18	43,087,310	—	—	2	(x)	16	(x)
Franklin.....	4	526,414	—	—	4	526,414	—	—
Genesee.....	3	139,975	—	—	2	(x)	1	(x)
Herkimer.....	5	179,586	—	—	4	(x)	1	(x)
Livingston.....	3	195,500	—	—	2	(x)	1	(x)
Montgomery.....	5	88,725	—	—	5	88,725	—	—
Onondaga.....	5	92,300	—	—	3	(x)	2	(x)
Orange.....	9	235,444	—	—	9	235,444	—	—
Orleans.....	5	120,900	—	—	5	120,900	—	—
Oswego.....	6	66,423	—	—	5	(x)	1	(x)
Otsego.....	3	204,201	—	—	3	204,201	—	—

See footnotes at end of table.

TABLE 2.—ASSEMBLERS AND DEALERS—LIVESTOCK ONLY—Continued

STATE AND COUNTY	TOTAL		COOPERATIVE ASSOCIATIONS		OTHER ASSEMBLERS		OTHER TYPES OF DEALERS	
	Number of establishments	Sales of livestock ¹	Number	Sales of livestock	Number	Sales of livestock	Number	Sales of livestock
NEW YORK—Con.		<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>
St. Lawrence	14	520,728	—	—	14	520,728	—	—
Schoharie	4	110,624	—	—	3	(x)	1	(x)
Steuben	7	139,888	—	—	7	139,888	—	—
Tioga	5	113,500	—	—	5	113,500	—	—
Tompkins	5	69,945	—	—	4	(x)	1	(x)
Yates	3	33,436	—	—	3	33,436	—	—
NORTH CAROLINA	14	107,948	—	—	11	78,886	3	29,062
Clay	3	16,625	—	—	3	16,625	—	—
Pasquotank	3	7,100	—	—	3	7,100	—	—
Perquimans	3	31,050	—	—	2	(x)	1	(x)
NORTH DAKOTA	198	9,998,555	103	4,376,089	95	5,622,466	—	—
Adams	3	718,757	—	—	3	718,757	—	—
Barnes	9	603,841	4	148,907	5	454,934	—	—
Benson	3	61,154	1	(x)	2	(x)	—	—
Bottineau	5	139,027	5	139,027	—	—	—	—
Burke	4	172,368	3	(x)	1	(x)	—	—
Burleigh	3	190,366	1	(x)	2	(x)	—	—
Dickey	5	341,619	3	(x)	2	(x)	—	—
Emmons	11	519,149	2	(x)	9	(x)	—	—
Golden Valley	3	96,924	1	(x)	2	(x)	—	—
Grant	3	255,000	—	—	3	255,000	—	—
Kidder	8	435,647	6	(x)	2	(x)	—	—
La Moure	11	491,829	7	304,790	4	187,039	—	—
Logan	8	311,066	1	(x)	7	(x)	—	—
McHenry	3	231,924	2	(x)	1	(x)	—	—
McIntosh	9	277,599	—	—	9	277,599	—	—
Mercer	6	276,800	1	(x)	5	(x)	—	—
Morton	3	139,311	—	—	3	139,311	—	—
Mountrail	6	227,083	5	(x)	1	(x)	—	—
Pembina	5	204,583	4	(x)	1	(x)	—	—
Ransom	4	369,926	1	(x)	3	(x)	—	—
Sargent	6	512,101	5	(x)	1	(x)	—	—
Sheridan	7	222,900	—	—	7	222,900	—	—
Stutsman	12	1,063,865	8	323,997	4	739,868	—	—
Towner	4	178,529	4	178,529	—	—	—	—
Traill	6	237,455	4	(x)	2	(x)	—	—
Ward	9	369,355	9	369,355	—	—	—	—
Wells	13	273,271	9	203,218	4	70,053	—	—
Williams	7	224,017	7	224,017	—	—	—	—
OHIO	307	146,649,542	40	18,428,146	216	21,678,184	51	106,543,212
Ashtabula	13	200,477	—	—	13	200,477	—	—
Auglaize	13	4,052,554	—	—	13	4,052,554	—	—
Belmont	3	304,000	—	—	3	304,000	—	—
Brown	7	161,408	—	—	7	161,408	—	—
Butler	5	61,000	—	—	5	61,000	—	—
Carroll	4	81,000	—	—	4	81,000	—	—
Clark	3	1,246,683	—	—	2	(x)	1	(x)
Clinton	12	1,544,499	1	(x)	11	(x)	—	—
Cuyahoga	9	29,933,624	1	(x)	—	—	8	(x)
Darke	10	2,536,269	1	(x)	9	(x)	—	—
Defiance	4	331,818	2	(x)	2	(x)	—	—
Delaware	4	642,682	1	(x)	3	(x)	—	—
Fairfield	11	618,875	—	—	11	618,875	—	—
Franklin	10	15,711,766	—	—	7	126,000	3	15,585,766
Fulton	5	1,146,130	—	—	5	1,146,130	—	—
Geauga	6	98,055	—	—	6	98,055	—	—
Greene	3	31,215	—	—	3	31,215	—	—
Hamilton	23	51,752,735	—	—	—	—	23	51,752,735
Hardin	12	2,152,906	9	913,584	3	1,239,322	—	—
Highland	8	1,479,431	1	(x)	7	(x)	—	—
Holmes	5	216,422	—	—	5	216,422	—	—
Logan	4	1,108,994	1	(x)	3	(x)	—	—
Madison	5	1,677,565	1	(x)	3	(x)	1	(x)
Mercer	3	497,922	1	(x)	2	(x)	—	—
Montgomery	6	9,587,861	—	—	2	(x)	4	(x)
Morgan	5	71,439	—	—	5	71,439	—	—

See footnotes at end of table.

TABLE 2.—ASSEMBLERS AND DEALERS—LIVESTOCK ONLY—Continued

STATE AND COUNTY	TOTAL		COOPERATIVE ASSOCIATIONS		OTHER ASSEMBLERS		OTHER TYPES OF DEALERS	
	Number of establishments	Sales of livestock ¹	Number	Sales of livestock	Number	Sales of livestock	Number	Sales of livestock
OHIO—Continued.		<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>
Muskingum.....	15	324, 531	-----	-----	13	(x)	2	(x)
Noble.....	4	245, 200	-----	-----	4	245, 200	-----	-----
Paulding.....	7	148, 521	-----	-----	7	148, 521	-----	-----
Perry.....	4	149, 500	1	(x)	3	(x)	-----	-----
Pickaway.....	11	2, 476, 803	2	(x)	9	(x)	-----	-----
Putnam.....	9	2, 968, 592	6	1, 303, 538	2	(x)	1	(x)
Shelby.....	4	508, 738	1	(x)	3	(x)	-----	-----
Trumbull.....	9	94, 168	-----	-----	5	54, 506	4	39, 662
Van Wert.....	5	553, 600	-----	-----	5	553, 600	-----	-----
Williams.....	5	608, 207	1	(x)	4	(x)	-----	-----
OKLAHOMA.....	198	31, 729, 275	-----	-----	170	3, 457, 197	28	28, 272, 078
Blaine.....	10	465, 660	-----	-----	10	465, 660	-----	-----
Cherokee.....	5	194, 385	-----	-----	5	194, 385	-----	-----
Cleveland.....	11	81, 590	-----	-----	11	81, 590	-----	-----
Coal.....	21	157, 572	-----	-----	21	157, 572	-----	-----
Comanche.....	7	101, 520	-----	-----	6	(x)	1	(x)
Cotton.....	4	78, 000	-----	-----	4	78, 000	-----	-----
Garfield.....	8	126, 481	-----	-----	1	(x)	7	(x)
Garvin.....	6	101, 920	-----	-----	6	101, 920	-----	-----
Harmon.....	11	157, 500	-----	-----	11	157, 500	-----	-----
Harper.....	4	62, 398	-----	-----	4	62, 398	-----	-----
Haskell.....	7	116, 000	-----	-----	7	116, 000	-----	-----
Hughes.....	3	50, 000	-----	-----	3	50, 000	-----	-----
Jefferson.....	3	33, 400	-----	-----	3	33, 400	-----	-----
Johnston.....	9	76, 871	-----	-----	9	76, 871	-----	-----
Kingfisher.....	6	55, 300	-----	-----	6	55, 300	-----	-----
Major.....	5	242, 678	-----	-----	5	242, 678	-----	-----
Murray.....	5	76, 469	-----	-----	5	76, 469	-----	-----
Oklahoma.....	15	27, 425, 588	-----	-----	-----	-----	15	27, 425, 588
Pittsburgh.....	3	103, 300	-----	-----	-----	-----	3	103, 300
Pontotoc.....	5	109, 960	-----	-----	5	109, 960	-----	-----
Pottawatomie.....	4	41, 400	-----	-----	4	41, 400	-----	-----
Pushmataha.....	7	77, 500	-----	-----	7	77, 500	-----	-----
Stephens.....	7	238, 296	-----	-----	7	238, 296	-----	-----
Tillman.....	3	25, 650	-----	-----	3	25, 650	-----	-----
OREGON.....	40	2, 095, 516	-----	-----	36	2, 023, 478	4	72, 038
Baker.....	9	1, 289, 506	-----	-----	9	1, 289, 506	-----	-----
Crook.....	4	157, 088	-----	-----	4	157, 088	-----	-----
Deschutes.....	3	13, 035	-----	-----	3	13, 035	-----	-----
Marion.....	8	70, 435	-----	-----	7	(x)	1	(x)
PENNSYLVANIA.....	130	59, 024, 065	-----	-----	94	4, 356, 905	36	54, 667, 160
Adams.....	12	583, 119	-----	-----	12	583, 119	-----	-----
Allegheny.....	15	29, 476, 520	-----	-----	-----	-----	15	29, 476, 520
Bradford.....	3	80, 000	-----	-----	3	80, 000	-----	-----
Clarion.....	3	13, 551	-----	-----	3	13, 551	-----	-----
Dauphin.....	3	20, 400	-----	-----	3	20, 400	-----	-----
Erie.....	3	5, 500	-----	-----	3	5, 500	-----	-----
Franklin.....	3	242, 728	-----	-----	3	242, 728	-----	-----
Greene.....	3	211, 563	-----	-----	3	211, 563	-----	-----
Lancaster.....	23	22, 743, 691	-----	-----	11	1, 157, 324	12	21, 586, 367
Perry.....	3	70, 872	-----	-----	3	70, 872	-----	-----
Philadelphia.....	6	3, 473, 148	-----	-----	-----	-----	6	3, 473, 148
Somerset.....	7	150, 824	-----	-----	7	150, 824	-----	-----
Tioga.....	18	679, 138	-----	-----	18	679, 138	-----	-----
Washington.....	3	171, 000	-----	-----	3	171, 000	-----	-----
SOUTH CAROLINA.....	16	180, 387	-----	-----	15	61, 780	1	118, 607
Fairfield.....	6	18, 615	-----	-----	6	18, 615	-----	-----
SOUTH DAKOTA.....	253	43, 003, 703	65	6, 318, 427	176	22, 097, 933	12	14, 587, 343
Aurora.....	6	172, 182	2	(x)	4	(x)	-----	-----
Beadle.....	5	429, 400	-----	-----	5	429, 400	-----	-----
Bon Homme.....	5	614, 329	1	(x)	4	(x)	-----	-----
Brookings.....	8	789, 503	1	(x)	7	(x)	-----	-----

See footnotes at end of table.

TABLE 2.—ASSEMBLERS AND DEALERS—LIVESTOCK ONLY—Continued

STATE AND COUNTY	TOTAL		COOPERATIVE ASSOCIATIONS		OTHER ASSEMBLERS		OTHER TYPES OF DEALERS	
	Number of establishments	Sales of livestock ¹	Number	Sales of livestock	Number	Sales of livestock	Number	Sales of livestock
SOUTH DAKOTA—Continued.								
		<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>
Brown.....	14	2,687,005	8	857,595	6	1,829,410	—	—
Brule.....	4	550,000	2	(x)	2	(x)	—	—
Butte.....	3	116,411	—	—	2	(x)	1	(x)
Campbell.....	6	309,250	1	(x)	5	(x)	—	—
Charles Mix.....	3	455,645	—	—	3	455,645	—	—
Clark.....	7	513,666	1	(x)	6	(x)	—	—
Codington.....	6	554,722	4	(x)	1	(x)	1	(x)
Davison.....	3	502,993	1	(x)	2	(x)	—	—
Day.....	8	1,012,322	2	(x)	6	(x)	—	—
Deuel.....	7	478,831	2	(x)	5	(x)	—	—
Dewey.....	4	374,100	—	—	4	374,100	—	—
Douglas.....	3	710,227	—	—	3	710,227	—	—
Faulk.....	9	922,385	2	(x)	7	(x)	—	—
Grant.....	8	701,198	5	586,586	3	114,612	—	—
Hamlin.....	6	614,215	3	316,339	3	297,876	—	—
Hand.....	7	1,170,821	1	(x)	5	(x)	1	(x)
Hanson.....	4	384,977	—	—	4	384,977	—	—
Hutchinson.....	7	1,033,329	—	—	7	1,033,329	—	—
Jerauld.....	4	864,102	—	—	4	864,102	—	—
Kingsbury.....	5	811,261	1	(x)	4	(x)	—	—
Lyman.....	5	258,600	1	(x)	4	(x)	—	—
McPherson.....	11	685,751	1	(x)	10	(x)	—	—
Marshall.....	6	309,507	3	251,507	3	58,000	—	—
Meade.....	3	342,000	—	—	3	342,000	—	—
Miner.....	12	1,583,683	3	224,353	9	1,359,330	—	—
Minnehaha.....	10	13,849,932	—	—	1	(x)	9	(x)
Potter.....	7	1,366,851	4	661,398	3	705,453	—	—
Roberts.....	12	1,441,969	10	(x)	2	(x)	—	—
Sanborn.....	5	548,775	—	—	5	548,775	—	—
Spink.....	10	1,255,975	3	352,409	7	903,566	—	—
Sully.....	3	463,531	1	(x)	2	(x)	—	—
Tripp.....	6	709,297	1	(x)	5	(x)	—	—
TENNESSEE	178	25,467,787	—	—	162	8,263,542	16	17,204,245
Bedford.....	6	820,150	—	—	6	820,150	—	—
Carroll.....	4	44,400	—	—	4	44,400	—	—
Claiborne.....	3	44,000	—	—	3	44,000	—	—
Cocke.....	3	72,350	—	—	3	72,350	—	—
Coffee.....	10	95,295	—	—	10	95,295	—	—
Davidsen.....	9	12,844,023	—	—	—	—	9	12,844,023
De Kalb.....	5	129,000	—	—	5	129,000	—	—
Dickson.....	5	116,385	—	—	5	116,385	—	—
Gibson.....	12	400,990	—	—	12	400,990	—	—
Hamblen.....	3	362,000	—	—	3	362,000	—	—
Lawrence.....	6	112,500	—	—	6	112,500	—	—
Lincoln.....	15	1,685,840	—	—	15	1,685,840	—	—
Marshall.....	4	89,500	—	—	4	89,500	—	—
Monroe.....	4	116,000	—	—	4	116,000	—	—
Montgomery.....	14	139,925	—	—	14	139,925	—	—
Obion.....	4	1,022,454	—	—	4	1,022,454	—	—
Perry.....	4	46,000	—	—	4	46,000	—	—
Robertson.....	3	24,627	—	—	2	(x)	1	(x)
Sevier.....	4	63,500	—	—	4	63,500	—	—
Shelby.....	3	3,189,750	—	—	—	—	3	3,189,750
Smith.....	5	228,000	—	—	5	228,000	—	—
Warren.....	15	295,200	—	—	15	295,200	—	—
Weakley.....	7	747,000	—	—	6	(x)	1	(x)
White.....	3	126,500	—	—	3	126,500	—	—
TEXAS	454	93,231,387	—	—	395	9,558,640	59	83,672,747
Bexar.....	5	6,190,221	—	—	—	—	5	6,190,221
Cherokee.....	16	85,503	—	—	15	(x)	1	(x)
Clay.....	4	158,938	—	—	4	158,938	—	—
Collin.....	21	205,253	—	—	21	205,253	—	—
Comanche.....	9	148,150	—	—	9	148,150	—	—
Concho.....	3	92,900	—	—	3	92,900	—	—
Cooke.....	6	183,518	—	—	6	183,518	—	—
Coryell.....	4	92,250	—	—	4	92,250	—	—
Crosby.....	3	265,240	—	—	3	265,240	—	—

See footnotes at end of table.

TABLE 2.—ASSEMBLERS AND DEALERS—LIVESTOCK ONLY—Continued

STATE AND COUNTY	TOTAL		COOPERATIVE ASSOCIATIONS		OTHER ASSEMBLERS		OTHER TYPES OF DEALERS	
	Number of establishments	Sales of livestock ¹	Number	Sales of livestock	Number	Sales of livestock	Number	Sales of livestock
TEXAS—Contd.		Dollars		Dollars		Dollars		Dollars
El Paso.....	3	464,380					3	464,380
Fannin.....	4	45,800			4	45,800		
Fayette.....	8	363,386			8	363,386		
Floyd.....	3	433,000			3	433,000		
Foard.....	5	287,289			5	287,289		
Freestone.....	4	27,850			4	27,850		
Grayson.....	8	334,480			6	(x)	2	(x)
Hale.....	4	232,984			4	232,984		
Hall.....	3	54,850			3	54,850		
Hamilton.....	3	119,000			3	119,000		
Haskell.....	4	39,375			4	39,375		
Henderson.....	5	111,105			5	111,105		
Hopkins.....	12	178,000			12	178,000		
Hunt.....	3	26,800			1	(x)	2	(x)
Johnson.....	16	89,507			16	89,507		
Karnes.....	7	58,025			7	58,025		
Kaufman.....	3	19,700			3	19,700		
Lee.....	3	21,500			3	21,500		
Leon.....	7	207,000			7	207,000		
Limestone.....	8	54,985			8	54,985		
Madison.....	14	208,272			14	208,272		
Mason.....	11	487,656			11	487,656		
Medina.....	3	192,927			3	192,927		
Mills.....	18	479,400			18	479,400		
Navarro.....	13	94,732			13	94,732		
Palo Pinto.....	3	18,700			3	18,700		
Panola.....	16	72,467			16	72,467		
Potter.....	5	4,485,550					5	4,485,550
Red River.....	5	84,700			5	84,700		
Runnels.....	8	100,819			8	100,819		
Rusk.....	10	73,740			10	73,740		
Shelby.....	11	255,326			11	255,326		
Tarrant.....	29	69,741,639					29	69,741,639
Throckmorton.....	4	26,660			4	26,660		
Tom Green.....	3	1,756,800					3	1,756,800
Val Verde.....	3	482,495					3	482,495
Van Zandt.....	32	249,578			32	249,578		
Victoria.....	4	1,025,500			4	1,025,500		
Wichita.....	7	55,420			7	55,420		
Wilson.....	7	206,396			7	206,396		
Wood.....	4	12,600			4	12,600		
UTAH.....	119	16,917,716			105	3,405,933	14	13,511,783
Box Elder.....	20	239,390			20	239,390		
Cache.....	25	584,242			24	(x)	1	(x)
Morgan.....	3	27,881			3	27,881		
Utah.....	8	148,835			7	(x)	1	(x)
Weber.....	55	14,643,098			45	2,196,585	10	12,446,513
VERMONT.....	48	1,815,860			44	1,687,085	4	128,775
Caledonia.....	6	229,452			6	229,452		
Chittenden.....	6	144,480			6	144,480		
Franklin.....	3	67,245			3	67,245		
Lamoille.....	3	31,892			3	31,892		
Orange.....	8	135,511			8	135,511		
Orleans.....	5	205,449			5	205,449		
Rutland.....	6	214,495			5	(x)	1	(x)
Washington.....	6	348,480			4	(x)	2	(x)
Windsor.....	3	213,856			2	(x)	1	(x)
VIRGINIA.....	97	11,196,991	4	192,600	84	7,442,078	9	3,562,313
Augusta.....	4	258,000			4	258,000		
Carroll.....	3	122,400	1	(x)	2	(x)		
Clarke.....	5	345,902			5	345,902		
Culpeper.....	8	971,100			8	971,100		
Grayson.....	8	1,748,390			8	1,748,390		
Henrico.....	4	2,924,263					4	2,924,263
Highland.....	8	311,099			8	311,099		
Loudoun.....	12	1,114,450	2	(x)	9	1,005,500	1	(x)

See footnotes at end of table.

TABLE 2.—ASSEMBLERS AND DEALERS—LIVESTOCK ONLY—Continued

STATE AND COUNTY	TOTAL		COOPERATIVE ASSOCIATIONS		OTHER ASSEMBLERS		OTHER TYPES OF DEALERS	
	Number of establishments	Sales of livestock ¹	Number	Sales of livestock	Number	Sales of livestock	Number	Sales of livestock
VIRGINIA—Contd.		<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>
Pulaski.....	3	39, 110	-----	-----	3	39, 110	-----	-----
Rockbridge.....	3	114, 000	1	(x)	2	(x)	-----	-----
Rockingham.....	4	821, 750	-----	-----	4	821, 750	-----	-----
Russell.....	7	415, 300	-----	-----	7	415, 300	-----	-----
Shenandoah.....	9	405, 525	-----	-----	9	405, 525	-----	-----
WASHINGTON.....	29	12, 046, 133	-----	-----	20	336, 219	9	11, 709, 914
King.....	3	6, 723, 090	-----	-----	-----	-----	3	6, 723, 090
Lincoln.....	4	35, 236	-----	-----	4	35, 236	-----	-----
Skagit.....	5	68, 172	-----	-----	5	68, 172	-----	-----
Snohomish.....	5	61, 950	-----	-----	5	61, 950	-----	-----
Spokane.....	3	4, 920, 068	-----	-----	-----	-----	3	4, 920, 068
Whatcom.....	4	11, 319	-----	-----	3	(x)	1	(x)
WEST VIRGINIA.....	77	2, 640, 665	5	133, 889	67	2, 403, 687	5	103, 089
Barbour.....	8	223, 645	-----	-----	8	223, 645	-----	-----
Jefferson.....	3	356, 803	-----	-----	3	356, 803	-----	-----
Monroe.....	13	651, 427	-----	-----	13	651, 427	-----	-----
Pocahontas.....	28	713, 434	2	(x)	26	(x)	-----	-----
Ritchie.....	7	90, 690	1	(x)	6	(x)	-----	-----
Wetzel.....	4	61, 890	-----	-----	2	(x)	2	(x)
WISCONSIN.....	252	52, 317, 754	69	7, 350, 777	168	14, 934, 154	15	30, 032, 823
Barron.....	3	239, 950	1	(x)	2	(x)	-----	-----
Brown.....	3	151, 446	-----	-----	3	151, 446	-----	-----
Buffalo.....	5	612, 987	2	(x)	3	(x)	-----	-----
Chippewa.....	6	340, 690	-----	-----	6	340, 690	-----	-----
Clark.....	15	1, 357, 774	5	163, 026	10	1, 194, 748	-----	-----
Columbia.....	14	1, 835, 202	1	(x)	13	(x)	-----	-----
Crawford.....	4	420, 250	1	(x)	3	(x)	-----	-----
Dane.....	3	649, 976	1	(x)	1	(x)	1	(x)
Dodge.....	3	319, 810	-----	-----	3	319, 810	-----	-----
Eau Claire.....	6	148, 616	1	(x)	5	(x)	-----	-----
Fond du Lac.....	8	691, 000	4	415, 500	4	275, 500	-----	-----
Green.....	5	1, 155, 072	3	(x)	2	(x)	-----	-----
Green Lake.....	4	458, 648	3	(x)	1	(x)	-----	-----
Iowa.....	9	699, 958	9	699, 958	-----	-----	-----	-----
Jefferson.....	3	65, 214	1	(x)	2	(x)	-----	-----
Juneau.....	4	256, 350	-----	-----	4	256, 350	-----	-----
La Crosse.....	3	905, 056	-----	-----	3	905, 056	-----	-----
Lafayette.....	15	2, 080, 111	6	1, 241, 850	9	838, 261	2	(x)
Marinette.....	3	113, 286	-----	-----	1	(x)	8	28, 476, 114
Milwaukee.....	8	28, 476, 114	-----	-----	-----	-----	-----	-----
Oconto.....	5	100, 676	1	(x)	4	(x)	-----	-----
Outagamie.....	5	442, 645	1	(x)	4	(x)	-----	-----
Pepin.....	7	462, 169	3	282, 015	4	180, 154	-----	-----
Racine.....	12	288, 466	-----	-----	11	(x)	1	(x)
Richland.....	5	884, 675	1	(x)	4	(x)	-----	-----
Rock.....	3	601, 529	1	(x)	2	(x)	-----	-----
St. Croix.....	4	117, 931	1	(x)	3	(x)	-----	-----
Shawano.....	3	281, 000	-----	-----	3	281, 000	-----	-----
Sheboygan.....	6	762, 680	2	(x)	4	(x)	-----	-----
Washington.....	3	129, 629	-----	-----	2	(x)	1	(x)
Waukesha.....	14	680, 027	-----	-----	13	(x)	1	(x)
Waupaca.....	15	1, 570, 530	1	(x)	14	(x)	-----	-----
Waushara.....	6	134, 693	1	(x)	5	(x)	-----	-----
Wood.....	6	596, 378	3	274, 953	3	321, 425	-----	-----
ALL OTHER STATES².....	37	2, 116, 267	1	81, 186	30	1, 417, 966	6	617, 115

¹ The term "sales" here used includes both sales on own account and purchases for the account of others. The sales figure does not include the value of sales at retail which were made by some of these dealers. The total of such retail sales by this group of dealers for the United States is \$3,117,353.

² Includes Arizona; Connecticut; Delaware; New Hampshire; New Jersey; New Mexico; Rhode Island; and Wyoming.

(x) Included in county total to prevent revelation of individual businesses.

TABLE 3.—ASSEMBLERS AND DEALERS WHO HANDLE LIVESTOCK AND OTHER AGRICULTURAL COMMODITIES

DIVISION	TOTAL		COOPERATIVE ASSOCIATIONS		OTHER ASSEMBLERS		OTHER TYPES OF DEALERS	
	Number of establishments	Sales ¹	Number	Sales	Number	Sales	Number	Sales
		Dollars		Dollars		Dollars		Dollars
UNITED STATES, total.....	1,569	208,749,052	164	30,859,183	940	71,402,397	465	106,399,331
NEW ENGLAND:								
Maine.....	13	174,930	-----	-----	11	150,010	2	24,920
Vermont.....	17	1,713,484	-----	-----	16	682,589	1	1,030,895
Rhode Island.....	3	88,141	-----	-----	1	(?)	2	(?)
MIDDLE ATLANTIC:								
New York.....	63	3,544,828	-----	-----	57	1,634,292	6	1,910,536
New Jersey.....	7	403,006	-----	-----	7	403,006	-----	-----
Pennsylvania.....	90	3,247,980	-----	-----	88	3,226,480	2	21,500
EAST NORTH CENTRAL:								
Ohio.....	129	12,684,578	3	448,796	76	4,739,347	50	7,496,435
Indiana.....	35	4,120,798	-----	-----	23	² 2,318,982	12	1,801,816
Illinois.....	39	3,183,471	4	566,744	24	1,165,815	11	1,450,912
Michigan.....	55	4,186,484	14	1,772,851	32	1,092,812	9	1,320,521
Wisconsin.....	53	3,982,670	10	1,053,478	38	2,510,288	5	418,904
WEST NORTH CENTRAL:								
Minnesota.....	39	7,332,590	12	1,878,057	18	3,849,066	9	1,605,467
Iowa.....	148	37,434,209	38	11,094,307	41	8,014,308	69	18,325,594
Missouri.....	81	13,223,713	24	4,529,062	30	2,074,254	27	6,620,397
North Dakota.....	11	845,112	3	236,271	6	396,412	2	212,429
South Dakota.....	64	19,693,161	4	657,817	18	4,773,034	42	14,262,310
Nebraska.....	145	37,069,275	17	3,359,003	40	10,407,487	88	23,302,785
Kansas.....	60	11,164,201	10	1,764,373	13	1,095,200	37	8,304,623
SOUTH ATLANTIC:								
Delaware.....	7	238,500	-----	-----	7	238,500	-----	-----
Maryland.....	38	2,475,256	-----	-----	30	991,331	8	1,483,875
Virginia.....	81	4,322,899	-----	-----	61	1,962,863	20	2,360,031
West Virginia.....	14	588,505	-----	-----	12	308,386	2	280,119
North Carolina.....	16	314,546	-----	-----	15	254,525	1	60,021
South Carolina.....	8	303,279	-----	-----	6	² 241,500	2	61,779
Georgia.....	31	1,434,776	10	445,745	20	794,304	1	194,727
Florida.....	6	201,217	-----	-----	6	² 201,217	-----	-----
EAST SOUTH CENTRAL:								
Kentucky.....	47	2,309,691	-----	-----	45	1,323,557	2	986,134
Tennessee.....	23	1,461,127	-----	-----	22	⁴ 1,235,563	1	225,564
Alabama.....	14	686,157	-----	-----	12	⁴ 408,134	2	278,023
Mississippi.....	8	420,360	3	336,857	5	83,503	-----	-----
WEST SOUTH CENTRAL:								
Arkansas.....	13	223,510	-----	-----	13	223,510	-----	-----
Oklahoma.....	28	2,903,963	-----	-----	17	³ 1,339,168	11	1,564,795
Texas.....	63	8,688,661	3	787,591	49	3,327,092	11	4,573,975
MOUNTAIN:								
Montana.....	22	3,567,683	3	160,425	13	2,027,176	6	1,380,082
Idaho.....	13	4,531,096	6	1,767,806	6	2,759,290	1	4,000
Wyoming.....	9	1,562,261	-----	-----	4	⁴ 737,909	5	824,352
Colorado.....	18	3,799,137	-----	-----	9	⁴ 1,853,657	9	1,945,480
New Mexico.....	4	944,004	-----	-----	3	602,019	1	341,935
Utah.....	15	491,068	-----	-----	14	401,503	1	89,565
PACIFIC:								
Washington.....	17	762,112	-----	-----	16	³ 529,714	1	232,395
Oregon.....	8	289,302	-----	-----	8	289,302	-----	-----
California.....	11	2,086,611	-----	-----	7	714,237	4	1,372,374
ALL OTHER STATES ⁵	3	51,000	-----	-----	1	21,000	2	30,000

¹This total sales figure includes only sales of livestock and other agricultural commodities and does not include the value of sales at retail which were made by some of these dealers. The total of such retail sales by this group of dealers for the United States was \$15,819,628.

²Included in State total to prevent revelation of individual businesses.

³Includes 1 cooperative association.

⁴Includes 2 cooperative associations.

⁵Includes Connecticut, Louisiana, and Massachusetts.

TABLE 4.—NUMBER OF DEALERS AND TOTAL SALES BY TYPES OF DEALERS ON PRINCIPAL LIVESTOCK MARKETS

CITY	ALL TYPES OF DEALERS		Em- ploy- ees	Salaries and wages	Total ex- penses	Assembler		Broker		Commission mer- chant		Dealers and traders		All other types	
	Total num- ber	Total sales				Num- ber	Sales	Num- ber	Sales	Num- ber	Sales	Num- ber	Sales	Num- ber	Sales
San Francisco, Calif.	4	\$12,044,293	59	\$134,568	\$248,020					3	\$12,026,938			1	\$17,355
South San Francisco, Calif.	4	11,550,968	10	28,935	67,552					4	11,550,968				
Denver, Colo.	32	80,506,636	195	442,872	914,378			15	\$17,711,718	17	162,794,918				
Lamar, Colo.	4	1,450,348	5	6,730	47,944	4	\$1,450,348								
Atlanta, Ga.	4	2,751,578	38	42,274	68,700					4	2,751,578				
Montrie, Ga.	4	1,465,698	6	5,889	13,468	4	1,465,698								
Bushnell, Ill.	4	3,149,286	8	10,687	25,490					4	3,149,286				
Chicago, Ill.	62	416,286,057	757	2,085,970	3,063,285					60	412,768,228			2	3,517,829
National City, Ill.	92	204,944,771	479	1,052,449	1,765,733			55	56,661,366	34	147,552,688	3	\$730,717		
Peoria, Ill.	3	9,666,492	18	43,074	323,151					3	19,666,492				
Springfield, Ill.	7	5,490,370	24	40,633	80,423					5	13,902,814			2	1,587,556
Evansville, Ind.	3	13,954,213	36	74,720	103,298					3	13,954,213				
Indianapolis, Ind.	52	103,224,660	173	333,300	628,289					16	171,679,624	36	33,545,036		
Lafayette, Ind.	5	3,828,312	23	25,853	35,438					3	3,555,818			2	272,494
Muncie, Ind.	4	4,051,081	13	21,510	30,896					4	14,051,081				
Richmond, Ind.	3	1,550,976	10	12,293	18,536					1	(X)			2	(X)
Sioux City, Iowa.	67	176,839,744	412	900,987	1,830,536					30	144,343,498	37	32,516,246		
Webster City, Iowa.	3	2,501,000	1	1,000	5,800	3	2,501,000							2	(X)
Williamsburg, Iowa.	4	1,015,907	3	3,517	30,762	2	(X)								
Wichita, Kans.	14	25,026,413	92	154,522	222,348					14	125,026,413				
Louisville, Ky.	16	22,478,833	80	129,754	220,228					10	12,854,203			6	9,624,630
Arabi, La.	6	5,586,274	34	49,128	75,424					5	4,982,443			1	603,831
Detroit, Mich.	4	26,220,058	54	227,412	281,368					13	(X)				
South St. Paul, Minn.	46	168,589,969	432	1,024,222	1,734,545			7	10,873,921	32	145,409,492	7	12,306,556		
Kansas City, Mo.	212	384,945,796	962	1,992,862	3,891,670			17	76,711,052	66	247,117,871	129	61,116,873		
South St. Joseph, Mo.	73	114,839,893	217	487,811	1,041,944			6	12,522,108	28	192,038,048	39	10,279,737		
Springfield, Mo.	10	4,389,792	32	29,670	47,525					9	14,345,588			1	44,204
Billings, Mont.	5	1,332,027	16	15,759	50,119			3	639,948					2	692,079
Albion, Nebr.	4	1,594,186	11	11,205	24,753	4	1,394,186								
Omaha, Nebr.	148	344,061,491	631	1,511,387	3,245,512			38	48,048,739	55	1,269,601,338	55	26,411,414		

³ Includes 3 cooperatives² Includes 2 cooperatives¹ Includes 1 cooperative.

TABLE 4.—NUMBER OF DEALERS AND TOTAL SALES BY TYPES OF DEALERS ON PRINCIPAL LIVESTOCK MARKETS—Continued

CITY	ALL TYPES OF DEALERS		NUMBER OF DEALERS AND SALES BY TYPES OF DEALER									
	Total number	Total sales	Total expenses		Assembler		Broker		Commission merchant		Dealers and traders	
			Salaries and wages	Em- ploy- ees	Number	Sales	Number	Sales	Number	Sales	Number	Sales
Superior, Nebr.	4	\$2,620,198	\$1,500	2	4	\$82,620,198			16	2 \$43,042,360		
Buffalo, N. Y.	16	43,042,360	264,295	106	5	1,036,780			20	2 51,308,156	3	\$444,579
Ashville, Ohio	2	3,440	225,627	107					8	28,006,237		
Cincinnati, Ohio	23	51,752,735	256,064	133					3	15,585,766		
Cleveland, Ohio	9	29,933,624							3	2,636,983		
Columbus, Ohio	3	15,585,766	79,628	32					14	26,838,412		
Dayton, Ohio	4	9,557,361	37,220	22					11	20,358,984		
Greenville, Ohio	4	2,270,178	18,360	13	3	1 2,270,178			3	1,154,695	3	2,318,453
London, Ohio	5	1,677,565	13,065	9	4	1,210,747			10	113,752,984		
Oklahoma City, Okla.	15	27,425,388	142,862	78					7	113,493,719		
Lancaster, Pa.	12	20,598,984	101,028	70								
Philadelphia, Pa.	12	3,473,148	24,284	12								
Pittsburgh, Pa.	16	29,476,520	134,906	64								
Aberteen, S. D.	3	1,490,400	47,007	4	3	1,490,400	3	\$4,987,305				
Sioux Falls, S. Dak.	9	13,774,932	79,387	56								
Fayetteville, Tenn.	3	1,101,840	10,875	8	3	1,101,840						
Memphis, Tenn.	3	3,189,750	13,823	10								
Nashville, Tenn.	9	12,844,023	74,495	47								
Amarillo, Tex.	5	4,485,550	4,020	3								
Fort Worth, Tex.	29	69,741,639	386,561	194								
San Antonio, Tex.	5	6,190,221	75,085	27								
Ogden, Utah	13	14,320,705	81,893	44								
Independence, Va.	6	1,631,600	985		6	1,631,600						
Richmond, Va.	4	2,924,263	13,970	11								
Seattle, Wash.	3	6,729,090	46,135	27								
Spokane, Wash.	3	4,920,068	19,945	12								
Milwaukee, Wis.	8	28,476,114	180,742	88								

¹ Includes 1 cooperative.² Includes 2 cooperatives.³ Includes 3 cooperatives.

(x) Included in city total to prevent revelation of individual businesses.

There are included above 33 cooperative sales agencies with total sales of \$334,420,915.

TABLE 5.—DIRECT RECEIPTS OF LIVESTOCK BY PACKERS, 1929

[All classes of animals—Summary by States of origin]

Total direct receipts from shippers and concentration yards.....	26, 470, 283
Total from concentration yards.....	7, 673, 208
Total from shippers.....	18, 797, 075

NUMBER OF LIVESTOCK RECEIVED BY SPECIFIED KINDS OF BUYERS AND SHIPPERS

DIVISION	TOTAL ¹		COMPANY BUYERS		Independent buyers	Individual farmers	Cooperative associations	Unclassified buyers
			On salary	On commission				
	Number of head	Value	Number of head	Number of head	Number of head	Number of head	Number of head	Number of head
UNITED STATES, total.....	18, 797, 075	\$424, 912, 191	3, 321, 211	4, 216, 587	4, 348, 054	3, 229, 942	1, 775, 738	1, 405, 544
NEW ENGLAND:								
Maine.....								
New Hampshire.....								
Vermont.....								
Massachusetts.....	22, 176	586, 061			9, 118	13, 058		
Rhode Island.....								
Connecticut.....	(x)	(x)			(x)	(x)		
MIDDLE ATLANTIC:								
New York.....	186, 383	3, 449, 044		150, 762	10, 361	11, 823		13, 437
New Jersey.....	34, 973	437, 184	14, 920	1, 620		3, 785		14, 648
Pennsylvania.....	290, 486	7, 724, 883	5, 452	238, 175	14, 497	24, 881		7, 481
EAST NORTH CENTRAL:								
Ohio.....	798, 744	20, 198, 616	121, 207	304, 233	178, 758	87, 984	71, 321	35, 241
Indiana.....	849, 782	19, 523, 946	73, 606	350, 002	320, 788	101, 973	2, 905	508
Illinois.....	904, 710	21, 146, 793	19, 464	552, 221	324, 795	110, 337	63, 986	23, 907
Michigan.....	498, 718	8, 807, 134		31, 578	32, 520	113, 033	14, 323	316, 264
Wisconsin.....	904, 957	15, 067, 014	29, 469	59, 344	342, 031	328, 683	145, 430	
WEST NORTH CENTRAL:								
Minnesota.....	2, 066, 562	42, 736, 109	301, 596	447, 525	576, 202	205, 630	535, 609	
Iowa.....	4, 847, 571	122, 413, 694	912, 621	709, 256	1, 496, 351	965, 468	636, 131	127, 744
Missouri.....	1, 367, 311	33, 629, 863	8, 972	237, 116	597, 190	277, 724	45, 896	200, 413
North Dakota.....	21, 286	591, 819			11, 883	9, 403		
South Dakota.....	752, 556	17, 660, 776	397, 820	78, 309	150, 073	96, 210	30, 144	
Nebraska.....	955, 532	23, 432, 031	176, 966	187, 620	210, 590	115, 073		265, 283
Kansas.....	695, 404	16, 073, 084	44, 058	5, 250	419, 556	46, 448	7, 128	172, 964
SOUTH ATLANTIC:								
Delaware.....	(x)	(x)				(x)		
Maryland.....	120, 979	4, 307, 505		32, 164	7, 294	81, 521		
Virginia.....	18, 750	842, 217		1, 532		17, 218		
West Virginia.....								
North Carolina.....								
South Carolina.....								
Georgia.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	
Florida.....	38, 805	591, 852	680	17, 000	8, 296	8, 918	3, 911	
EAST SOUTH CENTRAL:								
Kentucky.....	474, 344	8, 260, 901		381, 249	28, 290	45, 173		19, 632
Tennessee.....	146, 596	2, 318, 878	518	71, 944	49, 525	12, 203		12, 406
Alabama.....	106, 024	1, 960, 538		52, 731	3, 960	8, 128	41, 205	
Mississippi.....	(x)	(x)				(x)		
WEST SOUTH CENTRAL:								
Arkansas.....	17, 602	378, 636	3, 236	267	14, 008	91		
Louisiana.....	(x)	(x)		(x)	(x)			
Oklahoma.....	94, 508	2, 295, 350	15, 176	2, 500	31, 213	19, 513		25, 106
Texas.....	396, 551	9, 539, 156	143, 932	1, 044	127, 901	78, 223		45, 451
MOUNTAIN:								
Montana.....	171, 586	3, 841, 162	62, 142	62, 577	3, 548	38, 843		4, 476
Idaho.....	122, 551	1, 492, 693	109, 989	2, 157				10, 405
Wyoming.....	2, 107	107, 505	1, 115		992			
Colorado.....	213, 795	4, 431, 590	42, 923	38, 564	34, 223	45, 295		52, 790
New Mexico.....	23, 928	1, 308, 918	19, 454	2, 222			412	1, 840
Arizona.....	58, 564	2, 118, 046	46, 611			11, 202	751	
Utah.....	102, 184	2, 347, 436	71, 683	8, 840	6, 318	15, 343		
Nevada.....	53, 496	1, 307, 330	45, 253	197		2, 409	271	5, 366
PACIFIC:								
Washington.....	76, 592	1, 775, 283	7, 518	21, 148		10, 158		37, 768
Oregon.....	109, 920	1, 961, 544	68, 410	1, 902	4, 315	35, 293		
California.....	1, 014, 796	15, 440, 793	536, 673	91, 390	10, 452	228, 482	135, 385	12, 414

¹ Includes 52,679 animals valued at \$1,367,124 not classified by States and 53,857 animals unclassified by kind.

(x) Figures included in United States total to prevent revelation of individual businesses.

TABLE 6.—DIRECT RECEIPTS OF CATTLE BY PACKERS, 1929

[Summary by States of origin]

Total direct receipts from shippers and concentration yards.....	963,308
Total from concentration yards.....	166,369
Total from shippers.....	796,939

NUMBER OF CATTLE RECEIVED FROM SPECIFIED KINDS OF BUYERS AND SHIPPERS

DIVISION	Total ¹	COMPANY BUYERS		Independent buyers	Individual farmers	Cooperative associations	Unclassified buyers
		On salary	On commission				
	<i>Number of head</i>	<i>Number of head</i>	<i>Number of head</i>	<i>Number of head</i>	<i>Number of head</i>	<i>Number of head</i>	<i>Number of head</i>
UNITED STATES, total.....	796,939	202,189	200,504	178,534	137,451	51,760	26,201
NEW ENGLAND:							
Maine.....							
New Hampshire.....							
Vermont.....							
Massachusetts.....							
Rhode Island.....							
Connecticut.....							
MIDDLE ATLANTIC:							
New York.....	9,195		1,917	6,697	357		194
New Jersey.....							
Pennsylvania.....	21,657	2,649	11,038	3,035	4,935		
EAST NORTH CENTRAL:							
Ohio.....	44,442	9,274	8,702	7,218	7,804	10,617	827
Indiana.....	16,251	2,267	8,801	836	4,319		28
Illinois.....	31,773		27,963	1,675	1,609	526	
Michigan.....	20,471			3,312	8,289	857	8,013
Wisconsin.....	31,759	5,966	1,982	8,463	10,576	4,772	
WEST NORTH CENTRAL:							
Minnesota.....	45,921	7,821	4,709	12,032	10,529	10,830	
Iowa.....	130,994	7,621	1,868	77,216	34,181	10,108	
Missouri.....	73,632	662	47,183	19,425	5,396	950	16
North Dakota.....	3,316			1,840	1,476		
South Dakota.....	14,039	14,039					
Nebraska.....	7,961	153	6,925	447	436		
Kansas.....	5,513	1,046		421	4,029		17
SOUTH ATLANTIC:							
Delaware.....							
Maryland.....	33,414		28,239		5,145		
Virginia.....	1,909		1,532		377		
West Virginia.....							
North Carolina.....							
South Carolina.....							
Georgia.....	(x)	(x)	(x)		(x)		
Florida.....	1,223	612	367		244		
EAST SOUTH CENTRAL:							
Kentucky.....	9,936		2,548	4,106	2,257		1,025
Tennessee.....	10,278	518	3,203	4,828	1,729		
Alabama.....	8,745		5,934	480	2,286	45	
Mississippi.....	(x)				(x)		
WEST SOUTH CENTRAL:							
Arkansas.....	3,618	661	267	2,690			
Louisiana.....	(x)		(x)	(x)			
Oklahoma.....	7,927	661	2,500	2,814	1,952		
Texas.....	56,510	33,537		14,030	8,943		
MOUNTAIN:							
Montana.....	18,742	4,791	9,919		1,696		2,336
Idaho.....	2,175	802	1,239				134
Wyoming.....	1,115	1,115					
Colorado.....	15,657	4,705	4,633	1,094	5,225		
New Mexico.....	13,913	13,710				203	
Arizona.....	18,458	16,662			1,629	167	
Utah.....	18,552	14,793	1,899	2,092	68		
Nevada.....	11,719	4,406	196		2,043	271	4,803
PACIFIC:							
Washington.....	8,202	1,268	1,938		1,213		3,753
Oregon.....	7,948	5,306	51	555	2,036		
California.....	66,667	38,920	3,659	3,254	3,395	12,414	5,025

¹ Includes 1,237 cattle not classified by States.

(x) Figures included in United States total to prevent revelation of individual businesses.

TABLE 7.—DIRECT RECEIPTS OF CALVES BY PACKERS, 1929

[Summary by States of origin]

Total direct receipts from shippers and concentration yards..... 821,310

Total from concentration yards..... 99,240

Total from shippers..... 722,070

NUMBER OF CALVES RECEIVED BY SPECIFIED KINDS OF BUYERS AND SHIPPERS

DIVISION	Total	COMPANY BUYERS		Independent buyers	Individual farmers	Cooperative associations	Unclassified buyers
		On salary	On commission				
	Number of head	Number of head	Number of head	Number of head	Number of head	Number of head	Number of head
UNITED STATES, total.....	722,070	98,820	118,662	221,457	183,265	91,133	8,733
NEW ENGLAND:							
Maine.....							
New Hampshire.....							
Vermont.....							
Massachusetts.....							
Rhode Island.....							
Connecticut.....							
MIDDLE ATLANTIC:							
New York.....	22,050		19,120	2,050	880		
New Jersey.....	1,888	1,888					
Pennsylvania.....	27,287	1,318	16,125	3,227	6,617		
EAST NORTH CENTRAL:							
Ohio.....	32,929	3,268	6,723	6,808	7,962	8,012	156
Indiana.....	12,710	633	2,870	6,112	3,070	25	
Illinois.....	23,397		12,117	3,321	3,048	4,680	231
Michigan.....	20,541			1,757	12,226	1,213	5,345
Wisconsin.....	88,945	2,435	3,110	30,721	34,784	17,895	
WEST NORTH CENTRAL:							
Minnesota.....	143,152	25,322	8,918	28,726	32,155	48,031	
Iowa.....	79,642	5,828	3,332	47,141	15,489	7,852	
Missouri.....	71,629	114	1,500	46,392	21,880	1,743	
North Dakota.....	1,055			582	473		
South Dakota.....	5,974	1,615		436	3,706	217	
Nebraska.....	504				504		
Kansas.....	1,647	113			1,518		16
SOUTH ATLANTIC:							
Delaware.....	(x)				(x)		
Maryland.....	14,192			4,672	9,520		
Virginia.....	10,900				10,900		
West Virginia.....							
North Carolina.....							
South Carolina.....							
Georgia.....	(x)	(x)			(x)		
Florida.....	137	68	41		28		
EAST SOUTH CENTRAL:							
Kentucky.....	43,578		40,532	1,969	1,077		
Tennessee.....	6,216		1,661	3,354	1,034		167
Alabama.....	1,486		571	190	725		
Mississippi.....	(x)				(x)		
WEST SOUTH CENTRAL:							
Arkansas.....	186	113			73		
Louisiana.....							
Oklahoma.....	1,332	113		566	648		5
Texas.....	70,174	30,833		29,560	9,780		1
MOUNTAIN:							
Montana.....	2,817	957	880		980		
Idaho.....	104	104					
Wyoming.....							
Colorado.....	2,629	877	876		876		
New Mexico.....	3,951	3,742				209	
Arizona.....	7,323	6,739				584	
Utah.....	3,113	791	45	2,086	191		
Nevada.....	1,036	106	1		366		563
PACIFIC:							
Washington.....	1,330	87			613		630
Oregon.....	728	236		136	356		
California.....	13,124	7,637	240	1,651	1,305	672	1,619

(x) Included in United States total to prevent revelation of individual businesses.

TABLE 8.—DIRECT RECEIPTS OF SWINE BY PACKERS, 1929

[Summary by States of origin]

Total direct receipts from shippers and concentration yards.....	22, 400, 860
Total from concentration yards.....	7, 210, 119
Total from shippers.....	15, 190, 741

NUMBER OF SWINE RECEIVED BY SPECIFIED KINDS OF BUYERS AND SHIPPERS

DIVISION	Total ¹	COMPANY BUYERS		Independent buyers	Individual farmers	Cooperative associations	Unclassified buyers
		On salary	On commission				
	<i>Number of head</i>	<i>Number of head</i>	<i>Number of head</i>	<i>Number of head</i>	<i>Number of head</i>	<i>Number of head</i>	<i>Number of head</i>
UNITED STATES: total.....	15, 190, 741	2, 137, 677	3, 314, 273	4, 327, 117	2, 541, 554	1, 543, 677	1, 326, 443
NEW ENGLAND:							
Maine.....							
New Hampshire.....							
Vermont.....							
Massachusetts.....	22, 176			9, 118	13, 058		
Rhode Island.....							
Connecticut.....	(x)			(x)	(x)		
MIDDLE ATLANTIC:							
New York.....	92, 010		67, 249	1, 018	10, 500		13, 243
New Jersey.....	13, 238		1, 620		3, 785		7, 833
Pennsylvania.....	197, 432	670	172, 682	6, 375	10, 224		7, 481
EAST NORTH CENTRAL:							
Ohio.....	667, 774	105, 690	250, 904	159, 487	68, 524	48, 911	34, 258
Indiana.....	808, 184	70, 632	336, 145	304, 432	94, 132	2, 363	480
Illinois.....	806, 228	10, 108	483, 712	128, 466	105, 587	54, 679	23, 676
Michigan.....	445, 057		31, 578	16, 891	87, 771	11, 845	296, 972
Wisconsin.....	750, 293	20, 047	50, 934	294, 436	266, 702	118, 174	
WEST NORTH CENTRAL:							
Minnesota.....	1, 835, 606	265, 784	433, 805	521, 018	152, 208	462, 791	
Iowa.....	4, 590, 426	892, 625	702, 075	1, 357, 038	899, 340	611, 605	127, 743
Missouri.....	1, 174, 390	2, 442	188, 267	497, 204	243, 984	42, 096	200, 397
North Dakota.....	15, 962		8, 937		7, 025		
South Dakota.....	707, 096	356, 719	78, 309	149, 637	92, 504	29, 927	
Nebraska.....	897, 866	176, 570	132, 187	210, 143	113, 683		265, 283
Kansas.....	687, 186	41, 841	5, 250	419, 135	40, 901	7, 128	172, 931
SOUTH ATLANTIC:							
Delaware.....							
Maryland.....	61, 141				61, 141		
Virginia.....	800				800		
West Virginia.....							
North Carolina.....							
South Carolina.....							
Georgia.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)
Florida.....	37, 445		16, 592	8, 296	8, 646	3, 911	
EAST SOUTH CENTRAL:							
Kentucky.....	155, 531		89, 036	6, 705	41, 183		18, 607
Tennessee.....	117, 659		66, 324	36, 751	8, 015		6, 569
Alabama.....	95, 543		46, 226	3, 290	4, 867	41, 160	
Mississippi.....	(x)				(x)		
WEST SOUTH CENTRAL:							
Arkansas.....	13, 777	2, 442		11, 318	17		
Louisiana.....	(x)		(x)				
Oklahoma.....	85, 229	15, 382		27, 833	16, 913		25, 101
Texas.....	231, 598	64, 022	1, 044	81, 231	39, 851		45, 450
MOUNTAIN:							
Montana.....	74, 584	26, 652	18, 806	3, 548	25, 578		
Idaho.....	4, 478						4, 478
Wyoming.....	992			992			
Colorado.....	175, 405	34, 463	27, 263	33, 129	27, 760		52, 790
New Mexico.....	1, 840						1, 840
Arizona.....	9, 573				9, 573		
Utah.....	6, 014	1, 467	2, 471	1, 960	116		
Nevada.....							
PACIFIC:							
Washington.....	33, 003	4, 780	3, 940		2, 972		21, 311
Oregon.....	32, 657	3, 374		3, 439	25, 844		
California.....	134, 489	15, 327	44, 969	3, 558	2, 478	68, 157	

¹ Includes 51,392 animals not classified by States.

(x) Figures included in United States total to prevent revelation of individual businesses.

TABLE 9.—DIRECT RECEIPTS OF SHEEP BY PACKERS, 1929

[Summary by States of origin]

Total direct receipts from shippers and concentration yards..... 579,872

Total from concentration yards..... 64,179

Total from shippers..... 515,693

NUMBER OF SHEEP RECEIVED BY SPECIFIED KINDS OF BUYERS AND SHIPPERS

DIVISION	Total	COMPANY BUYERS		Independent buyers	Individual farmers	Cooperative associations	Unclassified buyers
		On salary	On commission				
	<i>Number of head</i>	<i>Number of head</i>	<i>Number of head</i>	<i>Number of head</i>	<i>Number of head</i>	<i>Number of head</i>	<i>Number of head</i>
UNITED STATES, total.....	515,693	210,874	111,608	50,262	83,806	22,561	31,582
NEW ENGLAND:							
Maine.....							
New Hampshire.....							
Vermont.....							
Massachusetts.....							
Rhode Island.....							
Connecticut.....							
MIDDLE ATLANTIC:							
New York.....	2,626		2,570	39	17		
New Jersey.....							
Pennsylvania.....	12,248	115	9,539	1,050	1,544		
EAST NORTH CENTRAL:							
Ohio.....	8,961		5,128	1,560	1,623	650	
Indiana.....	2,795	29	1,602	395	252	517	
Illinois.....	4,371	2,165	1,824	40	38	304	
Michigan.....	6,673			160	543	36	5,934
Wisconsin.....	29,822	101	3,318	7,460	14,641	4,302	
WEST NORTH CENTRAL:							
Minnesota.....	38,334	2,669	93	12,721	9,340	13,511	
Iowa.....	27,917	5,556	991	11,795	6,422	3,152	1
Missouri.....	18,303		166	13,648	4,400	89	
North Dakota.....	477			262	215		
South Dakota.....	97	97					
Nebraska.....	4,577		4,127		450		
Kansas.....							
SOUTH ATLANTIC:							
Delaware.....							
Maryland.....	395				395		
Virginia.....	352				352		
West Virginia.....							
North Carolina.....							
South Carolina.....							
Georgia.....							
Florida.....							
EAST SOUTH CENTRAL:							
Kentucky.....	52,432		51,776		656		
Tennessee.....	5,710				40		5,670
Alabama.....	250				250		
Mississippi.....	(x)				(x)		
WEST SOUTH CENTRAL:							
Arkansas.....	(x)				(x)		
Louisiana.....							
Oklahoma.....							
Texas.....	17,321	15,091		770	1,460		
MOUNTAIN:							
Montana.....	6,919	254	2,307		2,218		2,140
Idaho.....	7,279	1,486					5,793
Wyoming.....							
Colorado.....	2,973	2,660	239		74		
New Mexico.....	2,002	2,002					
Arizona.....	1,307	1,307					
Utah.....	9,313	5,853	1,125	30	2,305		
Nevada.....	21,056	21,056					
PACIFIC:							
Washington.....	17,460	50	3,822		1,544		12,044
Oregon.....	5,582	4,980		55	547		
California.....	207,990	145,403	22,981	277	39,329		

(x) Figures included in United States total to prevent revelation of individual businesses.

TABLE 10.—DIRECT RECEIPTS OF LAMBS BY PACKERS, 1929

[Summary by States of origin]

Total direct receipts from shippers and concentration yards	1,651,076
Total from concentration yards	133,301
Total from shippers	1,517,775

NUMBER OF LAMBS RECEIVED BY SPECIFIED KINDS OF BUYERS AND SHIPPERS

DIVISION	Total	COMPANY BUYERS		Independent buyers	Individual farmers	Cooperative associations	Unclassified buyers
		On salary	On commission				
	Number of head	Number of head	Number of head	Number of head	Number of head	Number of head	Number of head
UNITED STATES, total	1,517,775	650,092	471,540	70,379	253,713	66,281	5,770
NEW ENGLAND:							
Maine							
New Hampshire							
Vermont							
Massachusetts							
Rhode Island							
Connecticut							
MIDDLE ATLANTIC:							
New York	60,502		59,906	557	39		
New Jersey	13,032	13,032					
Pennsylvania	31,862	700	28,791	810	1,561		
EAST NORTH CENTRAL:							
Ohio	44,638	2,975	32,776	3,685	2,071	3,131	
Indiana	9,840	45	584	9,013	198		
Illinois	38,941	7,191	26,605	1,293	55	3,797	
Michigan	5,975			1,400	4,203	372	
Wisconsin	4,138	920		951	1,980	287	
WEST NORTH CENTRAL:							
Minnesota	3,549			1,705	1,398	446	
Iowa	18,587	990	991	3,156	10,036	3,414	
Missouri	29,353	5,754		20,521	2,060	1,018	
North Dakota	476			262	214		
South Dakota	25,350	25,350					
Nebraska	44,624	243	44,381				
Kansas	1,058	1,058					
SOUTH ATLANTIC:							
Delaware							
Maryland	11,837		3,895	2,622	5,320		
Virginia	4,789				4,789		
West Virginia							
North Carolina							
South Carolina							
Georgia	(x)				(x)		
Florida							
EAST SOUTH CENTRAL:							
Kentucky	212,867		197,357	15,510			
Tennessee	6,731		756	4,592	1,383		
Alabama							
Mississippi							
WEST SOUTH CENTRAL:							
Arkansas	20	20					
Louisiana							
Oklahoma	20	20					
Texas	2,506	86		2,310	110		
MOUNTAIN:							
Montana	40,264	8,293	30,665		1,306		
Idaho	108,515	107,597	918				
Wyoming							
Colorado	17,131	218	5,553		11,360		
New Mexico	2,222		2,222				
Arizona	21,903	21,903					
Utah	64,892	48,779	3,300	150	12,663		
Nevada	19,685	19,685					
PACIFIC:							
Washington	16,597	1,333	11,448		3,816		
Oregon	63,005	54,514	1,851	130	6,510		
California	592,200	329,386	19,541	1,712	181,975	53,816	5,770

(x) Figures included in United States total to prevent revelation of individual businesses.

TABLE 11.—STOCKYARD RECEIPTS AND SHIPMENTS OF MEAT ANIMALS IN 1929 ¹

[United States totals and details for the 25 leading stockyards]

LOCATION OF STOCKYARDS	TOTAL		CATTLE				
	Receipts		Receipts			Shipments	
	Number	Rank	Number	Per cent	Rank	Number	Per cent of receipts
UNITED STATES, total.....	89,326,049	-----	14,213,297	16	-----	6,351,272	44
Chicago, Ill.....	15,038,309	1	2,388,422	16	1	729,421	31
Omaha, Nebr.....	7,742,845	2	1,444,210	19	3	588,214	41
Kansas City, Mo.....	6,406,940	3	1,835,792	29	2	1,010,293	55
East St. Louis, Ill.....	5,622,977	4	831,691	15	5	524,803	63
South St. Paul, Minn.....	5,432,924	5	878,509	16	4	413,978	47
Sioux City, Iowa.....	3,992,949	6	777,776	19	6	381,332	49
Pittsburgh, Pa.....	3,739,588	7	304,380	8	10	243,810	80
Denver, Colo.....	3,452,986	8	555,588	16	8	424,521	76
Indianapolis, Ind.....	2,843,868	9	255,169	9	11	59,863	24
St. Joseph, Mo.....	2,502,833	10	426,169	17	9	155,251	36
Buffalo, N. Y.....	2,322,528	11	192,137	8	16	81,431	42
Jersey City, N. J.....	2,291,884	12	227,432	10	14	-----	-----
Ogden, Utah.....	2,165,640	13	122,485	6	23	113,608	93
Fort Worth, Tex.....	2,030,559	14	761,798	38	7	311,924	41
New York, N. Y.....	1,903,135	15	27,472	1	43	64	(?)
Baltimore, Md.....	1,698,699	16	136,864	8	21	47,878	35
Cincinnati, Ohio.....	1,336,906	17	190,361	14	17	52,914	28
Wichita, Kans.....	1,304,081	18	239,799	18	13	175,393	73
Milwaukee, Wis.....	1,258,851	19	137,639	11	20	13,943	10
Detroit, Mich.....	1,241,263	20	133,985	11	22	10,566	8
Cleveland, Ohio.....	1,240,943	21	103,529	8	27	2,526	2
North Salt Lake, Utah.....	1,013,022	22	62,318	6	33	50,000	80
Pueblo, Colo.....	922,259	23	95,014	10	28	94,453	99
Oklahoma City, Okla.....	860,106	24	253,012	29	12	89,640	35
Peoria, Ill.....	842,820	25	36,834	4	41	26,274	71
All other stockyards.....	10,117,134	-----	1,794,912	18	-----	749,172	40

¹ Data from the United States Department of Agriculture and annual reports of the stockyard companies.² Less than 1 per cent.

TABLE 11.—STOCKYARD RECEIPTS AND SHIPMENTS OF MEAT ANIMALS IN 1929 ¹—
Continued

[United States totals and details for the 25 leading stockyards]

LOCATION OF STOCKYARDS	CALVES				
	Receipts			Shipments	
	Number	Per cent	Rank	Number	Per cent of receipts
UNITED STATES, total.....	6,031,794	7	-----	1,872,027	31
Chicago, Ill.....	672,073	5	1	28,496	4
Omaha, Nebr.....	102,223	1	17	43,771	43
Kansas City, Mo.....	341,959	5	6	98,095	29
East St. Louis, Ill.....	391,460	7	5	260,178	66
South St. Paul, Minn.....	546,459	10	2	15,063	3
Sioux City, Iowa.....	61,469	2	25	38,010	62
Pittsburgh, Pa.....	318,811	9	8	244,788	77
Denver, Colo.....	68,479	2	24	41,968	61
Indianapolis, Ind.....	173,564	6	11	114,135	66
St. Joseph, Mo.....	38,309	2	30	12,157	32
Buffalo, N. Y.....	298,005	13	9	237,801	80
Jersey City, N. J.....	412,298	18	4	-----	-----
Ogden, Utah.....	9,469	(²)	43	7,689	81
Fort Worth, Tex.....	327,334	16	7	187,907	57
New York, N. Y.....	221,581	12	10	35	(²)
Baltimore, Md.....	58,379	3	26	19,473	33
Cincinnati, Ohio.....	107,442	8	15	42,224	39
Wichita, Kans.....	91,221	7	18	55,203	61
Milwaukee, Wis.....	443,135	35	3	4,187	(²)
Detroit, Mich.....	169,812	14	12	43,122	25
Cleveland, Ohio.....	122,709	10	13	3,142	3
North Salt Lake, Utah.....	1,850	(²)	56	-----	-----
Pueblo, Colo.....	8,776	1	45	8,649	99
Oklahoma City, Okla.....	121,552	14	14	24,273	20
Peoria, Ill.....	41,945	5	27	34,235	82
All other stockyards.....	881,480	9	-----	307,426	30

¹ Data from the United States Department of Agriculture and annual reports of the stockyard companies.² Less than 1 per cent.

TABLE 11.—STOCKYARD RECEIPTS AND SHIPMENTS OF MEAT ANIMALS IN 1929¹—
Continued

[United States totals and details for the 25 leading stockyards]

LOCATION OF STOCK- YARDS	SWINE					SHEEP AND LAMBS				
	Receipts			Shipments		Receipts			Shipments	
	Number	Per cent	Rank	Number	Per cent of receipts	Number	Per cent	Rank	Number	Per cent of receipts
UNITED STATES, total.....	42,627,474	48	-----	15,905,605	37	26,453,484	29	-----	13,679,243	52
Chicago, Ill.....	8,192,951	54	1	1,831,244	22	3,784,863	25	1	1,117,680	30
Omaha, Nebr.....	3,165,793	41	3	888,093	28	3,030,619	39	2	1,333,654	44
Kansas City, Mo.....	2,476,307	39	5	1,011,471	41	1,752,882	27	5	457,842	26
East St. Louis, Ill.....	3,865,456	68	2	2,767,144	72	534,370	10	15	201,493	38
South St. Paul, Minn.....	2,868,883	53	4	811,910	28	1,139,073	21	8	582,441	51
Sioux City, Iowa.....	2,313,212	58	6	789,133	34	840,492	21	11	254,857	30
Pittsburgh, Pa.....	2,040,910	55	8	1,567,359	77	1,075,487	28	9	965,648	90
Denver, Colo.....	538,524	16	18	39,692	7	2,290,395	66	3	2,057,126	90
Indianapolis, Ind.....	2,145,407	75	7	1,128,723	53	269,728	9	20	172,448	64
St. Joseph, Mo.....	771,102	31	14	414,999	54	1,267,253	50	7	214,060	17
Buffalo, N. Y.....	853,982	37	12	462,404	54	978,404	42	10	813,410	83
Jersey City, N. J.....	115,365	5	43	-----	-----	1,536,789	67	6	-----	-----
Ogden, Utah.....	274,686	13	27	217,106	79	1,759,000	81	4	1,751,010	99
Fort Worth, Tex.....	401,740	20	23	53,264	13	539,687	26	14	287,947	48
New York, N. Y.....	1,233,384	65	9	-----	-----	420,698	22	17	23	(²)
Baltimore, Md.....	1,093,031	64	10	154,865	14	410,425	24	18	298,061	73
Cincinnati, Ohio.....	855,764	64	11	328,414	38	183,339	14	25	120,088	66
Wichita, Kans.....	832,637	64	13	60,007	7	140,424	11	29	51,224	36
Milwaukee, Wis.....	604,088	48	17	18,336	3	73,989	6	61	15,340	21
Detroit, Mich.....	407,837	33	22	115,455	28	529,629	42	16	248,518	47
Cleveland, Ohio.....	608,787	49	16	170,524	28	405,918	33	19	202,594	50
North Salt Lake, Utah.....	319,112	32	24	264,126	83	629,742	62	13	617,606	98
Pueblo, Colo.....	26,005	3	62	26,404	102	792,464	86	12	792,080	99
Oklahoma City, Okla.....	460,280	54	21	71,614	16	25,262	3	41	6,959	28
Peoria, Ill.....	749,859	89	15	612,110	82	14,182	2	44	13,028	92
All other stock yards.....	5,412,372	53	-----	2,101,208	39	2,028,370	20	-----	1,134,106	11

¹ Data from the United States Department of Agriculture and annual reports of the stockyard companies.² Less than 1 per cent.TABLE 12.—MONTHLY RECEIPTS OF LIVESTOCK BY KINDS AT THE 25 LEADING STOCKYARDS: 1929¹

MONTH	TOTAL	CATTLE		CALVES		HOGS		SHEEP AND LAMBS	
	Livestock	Number	Per cent of year-ly total	Number	Per cent of year-ly total	Number	Per cent of year-ly total	Number	Per cent of year-ly total
Total.....	80,111,916	12,526,118	-----	5,202,103	-----	37,585,394	-----	24,798,301	-----
Average.....	6,676,993	1,043,843	8.3	433,509	8.3	3,132,116	8.3	2,066,525	8.3
January.....	7,653,023	1,019,170	8.1	414,237	8.0	4,422,069	11.8	1,797,547	7.2
February.....	5,975,096	719,608	5.7	329,975	6.3	3,448,893	9.1	1,476,620	6.0
March.....	5,620,906	830,061	6.6	429,732	8.3	2,915,754	7.8	1,445,359	5.8
April.....	6,434,759	975,712	7.8	522,994	10.0	3,058,726	8.1	1,877,327	7.6
May.....	6,257,423	919,401	7.3	474,915	9.1	2,939,598	7.8	1,923,509	7.8
June.....	5,061,513	834,520	6.7	396,232	7.6	2,331,074	6.2	1,489,687	6.0
July.....	6,201,980	1,021,802	8.2	412,124	7.9	2,883,561	7.7	1,884,493	7.6
August.....	6,366,839	1,044,634	8.3	386,185	7.4	2,560,420	6.8	2,375,600	9.6
September.....	7,681,893	1,398,576	11.2	446,474	8.6	2,684,811	7.1	3,152,032	12.7
October.....	9,043,700	1,570,147	12.5	535,293	10.3	3,206,696	8.5	3,731,564	15.2
November.....	7,126,188	1,218,620	9.7	465,285	8.9	3,421,360	9.1	2,020,923	8.1
December.....	6,688,566	973,867	7.8	388,657	7.4	3,712,432	9.9	1,613,640	6.5

¹ Bureau of Agricultural Economics, United States Department of Agriculture.

TABLE 13.—TRUCK RECEIPTS¹ OF MEAT ANIMALS COMPARED TO TOTAL RECEIPTS AT THIRTEEN STOCKYARDS: 1929

STOCKYARDS	CATTLE			CALVES		
	Total receipts	Truck receipts		Total receipts	Truck receipts	
	Number	Number	Per cent of total	Number	Number	Per cent of total
Total.....	9,135,638	1,187,119	13	2,803,601	674,079	24
Chicago, Ill.....	2,388,422	100,460	4	672,073	35,545	5
Omaha, Nebr.....	1,444,210	281,179	19	102,223	46,263	45
Kansas City, Mo.....	1,835,792	99,307	5	341,959	74,498	22
East St. Louis, Mo.....	831,691	100,602	12	391,460	111,299	28
South St. Paul, Minn.....	878,509	125,637	14	546,459	181,151	33
Sioux City, Iowa.....	777,776	247,244	32	61,469	23,212	38
Milwaukee, Wis.....	137,639	43,354	32	443,135	93,471	21
Oklahoma City, Okla.....	253,012	73,275	29	121,552	56,601	47
South San Francisco, Calif.....	72,580	2,963	4	6,070	384	6
Los Angeles, Calif.....	202,481	44,241	22	61,847	14,307	23
Portland, Oreg.....	118,830	15,317	13	13,268	3,317	25
Lancaster, Pa.....	179,076	47,576	27	30,842	24,136	78
Richmond, Va.....	15,620	5,964	38	11,244	9,895	88

STOCKYARDS	SWINE			SHEEP AND LAMBS			ALL ANIMALS		
	Total receipts	Truck receipts		Total receipts	Truck receipts		Total receipts	Truck receipts	
	Number	Number	Per cent of total	Number	Number	Per cent of total	Number	Number	Per cent of total
Total.....	25,032,116	5,803,081	23	11,663,399	1,239,684	10	48,634,754	8,903,963	18
Chicago, Ill.....	8,192,951	389,481	5	3,784,863	88,498	2	15,038,309	613,984	4
Omaha, Nebr.....	3,165,793	1,372,341	43	3,030,619	403,399	13	7,742,845	2,103,182	27
Kansas City, Mo.....	2,476,307	708,909	29	1,752,882	180,403	10	6,406,940	1,063,117	16
East St. Louis, Mo.....	3,865,456	803,076	21	534,370	138,350	26	5,622,977	1,153,327	21
South St. Paul, Minn.....	2,868,883	488,643	17	1,139,073	113,082	10	5,432,924	908,513	17
Sioux City, Iowa.....	2,313,212	1,476,772	64	840,492	204,260	24	3,992,949	1,951,488	49
Milwaukee, Wis.....	604,088	91,236	15	73,989	13,076	18	1,258,851	241,137	19
Oklahoma City, Okla.....	460,280	258,042	56	25,262	17,517	69	860,106	405,435	47
South San Francisco, Calif.....	259,029	38,962	15	237,212	4,695	2	574,891	47,004	8
Los Angeles, Calif.....	217,449	23,740	11	69,828	11,879	17	551,605	94,167	17
Portland, Oreg.....	269,755	64,211	24	141,233	47,517	34	543,086	130,362	24
Lancaster, Pa.....	83,722	30,477	36	21,701	8,431	39	315,341	110,620	35
Richmond, Va.....	255,191	57,191	22	11,875	8,577	72	293,930	81,627	28

¹ Data from reports of the stockyards companies.

TABLE 14.—FEDERALLY INSPECTED SLAUGHTER BY KINDS OF ANIMALS FOR 19 PRINCIPAL PACKING CENTERS¹

LOCATION	TOTAL		CATTLE		CALVES		SHEEP AND LAMBS		SWINE	
	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank
Chicago.....	11,950,338	1	1,639,875	1	605,216	3	2,594,005	1	7,111,242	1
Kansas City.....	5,463,959	2	865,728	2	210,355	6	1,326,223	4	3,061,653	2
Omaha.....	4,857,376	3	830,661	3	70,814	10	1,669,151	3	2,286,750	4
New York.....	4,773,421	4	375,459	6	638,359	1	2,439,422	2	1,320,181	8
South St. Paul.....	4,326,840	5	485,729	4	617,511	2	571,206	7	2,652,394	3
South St. Joseph.....	2,326,683	6	321,779	9	69,451	11	1,164,227	5	1,181,328	11
Sioux City.....	2,532,683	7	384,931	5	28,379	15	598,357	6	1,521,016	6
Milwaukee.....	1,161,577	8	158,640	11	469,193	4	66,464	17	1,467,280	7
National Stock-yards.....	2,109,357	9	335,393	7	107,789	7	348,790	8	1,317,385	9
St. Louis.....	1,909,091	10	151,398	12	75,492	9	65,659	18	1,616,542	5
Indianapolis.....	1,539,492	11	187,088	10	48,935	13	68,095	16	1,235,374	10
Detroit.....	1,470,750	12	78,444	16	77,094	8	143,620	12	1,171,592	12
Fort Worth.....	1,317,164	13	321,977	8	305,534	5	276,541	9	413,112	17
Cleveland.....	1,167,017	14	85,217	15	69,145	12	131,768	13	880,887	14
Buffalo.....	1,147,502	15	99,509	14	32,134	14	93,499	14	922,360	13
Wichita.....	953,332	16	71,656	17	23,255	16	84,221	15	774,200	16
Baltimore.....	896,019	17	71,457	18	12,177	18	20,205	19	792,180	15
Denver.....	697,335	18	101,032	13	22,424	17	201,247	11	372,632	18
San Francisco.....	558,618	19	65,096	19	5,868	19	208,459	10	279,195	19

¹ Other important packing points for which separate data are not available are: Pittsburgh, Cincinnati, and Jersey City.

TABLE 15.—TOTAL NUMBER OF MEAT ANIMALS BY KINDS SLAUGHTERED EACH MONTH UNDER FEDERAL INSPECTION, 1929

	Cattle	Per cent of yearly total	Calves	Per cent of yearly total	Sheep	Per cent of yearly total	Swine	Per cent of yearly total
Total.....	8,324,027	-----	4,489,036	-----	14,023,362	-----	48,444,604	-----
January.....	735,685	8.8	369,010	8.2	1,150,011	8.2	5,737,737	11.8
February.....	568,622	6.8	311,181	6.9	953,226	6.8	4,477,633	9.2
March.....	631,778	7.6	408,796	9.1	1,006,305	7.2	3,645,301	7.5
April.....	662,382	8.0	460,297	10.3	1,118,935	8.0	3,761,230	7.8
May.....	676,297	8.1	426,667	9.5	1,201,852	8.6	3,797,918	7.8
June.....	636,278	7.7	344,306	7.7	1,107,785	7.9	3,755,620	7.8
July.....	706,084	8.5	362,623	8.1	1,254,810	8.9	3,596,780	7.4
August.....	725,714	8.7	337,969	7.5	1,298,048	9.2	3,129,991	6.5
September.....	752,815	9.0	365,084	8.1	1,316,926	9.4	3,103,758	6.4
October.....	838,939	10.1	398,354	8.9	1,365,325	9.7	3,857,147	8.0
November.....	731,407	8.8	358,438	8.0	1,159,150	8.3	4,498,554	9.3
December.....	658,026	7.9	346,311	7.7	1,090,989	7.8	5,082,935	10.5
Monthly average.....	698,669	-----	374,086	-----	1,168,614	-----	4,037,050	-----